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Checklist of Species of the Subfamily Masarinae (Hymenoptera: Vespidae)

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ABSTRACT

A checklist of species in the pollen wasp subfamily Masarinae is presented, including synonyms and distributional summaries. The 297 valid species and 15 additional subspecies are arranged in 14 genera, divided into two tribes, Gayellini and Masarini, with the latter divided into the subtribes Priscomasarina, Paragiina, and Masarina. Thirty-two new combinations are made.

INTRODUCTION

The most recent monograph of the Masarinae is by Richards (1962). Since that work there have been numerous changes to the classification of these wasps. The family group arrangement is now different: Richards treated Masarinae in the present sense as a family, with three subfamilies: Euparagiinae, Gayellinae, and Masarinae. Masarinae was divided into tribes, Paragiini and Masarini. Carpenter (1981) reduced Masaridae to a subfamily of Vespidae, removing Euparagiinae, which is the sister-group to all other extant vespids, reducing Richards' Gayellinae and Masarinae to tribes, and sinking Richards' Paragiini and Masarini. Carpenter (1997) reconstituted these latter groups and recognized them as subtribes within Masarini, to which F. W Gess (1998) added another subtribe, Priscomasarina. The generic classification has also undergone considerable change: Giordani Soika (1974), Snelling (1986), and F. W. Gess (1998) each added a genus to the 18 recognized by Richards, while Carpenter (1989), van der Vecht and Carpenter (1990), and Carpenter (1997) synonymized eight. And of course, there have been numerous species descriptions and synonymies published since Richards (1962).

More recently, S. K. Gess (1996) reviewed the Masarinae and provided a list of described species, along with distributional summaries. That list is useful; however, it

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lacks citations of the original references, limiting its taxonomic value. There have been a number of descriptions and synonymies since that list was published; moreover, preparation of the present checklist has revealed a few errors in both Richards (1962) and S. K. Gess (1996).

The present checklist follows the generic classification in van der Vecht and Carpenter (1990), with one amendment. The generic synonymies in van der Vecht and Carpenter's catalog were based on my ongoing phylogenetic studies in the Vespidae. Only parts of the cladistic study of Masarinae have as yet been published (Carpenter, 1989, 1997; see summary in Carpenter, 1993). Because the rationale for most of the synonymy was not yet published, S. K. Gess (1996) did not follow them in her list. Carpenter (1997) subsequently detailed the basis for generic reclassification in the Paragiina. I will summarize the rationale for the remaining synonymy here.

The monophyly of *Trimeria* + *Microtrimeria* is shown by the forewing cu-a distad of the fork of M and CuA by a distance nearly equal to its length, a single occipital carina, the palpal formula 2:3, loss of the lateral pronotal groove, the short pyriform tegula, the posteriorly lamellate scutellum, the female foretarsi with lobes of unique form, the hooked hairs on the female foretarsi, and the compressed mid- and hindcoxae. Both genera are evidently monophyletic, as is the *Trimeria* subgenus *Willinkia* Richards, but that does not mean that their recognition is warranted. The characters by which all these taxa differ are for the most part variable within other genera, and so their recognition contributes little to the process of efficient diagnosis (Farris, 1979). Accordingly, they are treated as synonyms.

Richards (1962) recognized two subgenera within *Celonites,* but whereas *Eucelonites* is defined by the autapomorphy of an axillary process, the typical subgenus is defined only by its absence. It is evidently paraphyletic, and *Eucelonites* is thus synonymized with *Celonites.*

The monophyly of *Quartinia* + *Quartinioides* + *Quartiniella* is shown by the forewing marginal cell appendiculate with a nebulous vein, the forewing cu-a oblique, the hindwing preaxillary excision deep, the single long occipital carina, and the palpal formula 1:3. Both *Quartiniella* and *Quartinioides* are primarily based on partitioning a trend in the reduction of wing venation. *Quartiniella* is defined by the loss of forewing 3rs-m and 2m-cu; *Quartinioides* has 2m-cu present but attenuate and interrupted, whereas *Quartinia* has it complete. Other features listed in Richards' (1962: 127) key mostly vary within these taxa or are erroneous (e. g., *Quartinioides* has two hindtibial spurs). The remainder are consistent with the inference that *Quartinia* is paraphyletic in terms of *Quartinioides,* which is in turn paraphyletic in terms of *Quartiniella* (e. g., *Quartinioides* is also separated from *Quartinia* by the preaxillary excision deep, the jugal lobe reduced, and the stipes medially produced, all characters shared with *Quartiniella*). In any case, the formal taxonomic partitioning of essentially continuous variation should be rejected, and *Quartinioides* and *Quartiniella* are accordingly synonymized with *Quartinia.*

Finally, I previously (van der Vecht and Carpenter, 1990) treated *Masarina* as a synonym of *Jugurtia.* Both genera have autapomorphies, but considering the few species of *Masarina* recognized at that time (i. e., four; see Richards, 1962, Gess and Gess, 1988), I did not regard the features by which the genera differ as significant as those which they share. Further, the recognition of a genus *Masarina* might be confusing because that name is also used for a subtribe. F. W. Gess (1997) has since described six more species of *Masarina* and pointed out additional diagnostic features, and I agree that maintaining the genera is now justified. A total of 14 genera (and no subgenera) for the Masarinae is thus recognized here.

The arrangement of the checklist is alphabetical. Each species and subspecies is followed by the original citation and then by synonyms, which are listed chronologically. The status given each taxon generally follows the most recent author to treat that taxon. I do not regard the recognition of subspecies as taxonomically useful, but as such taxa are a mixture of synonyms and valid phylogenetic species, each case should be studied before appropriate corrective action

is taken. Misspellings are indicated by exclamation marks in brackets. To facilitate ready reference, each publication is cited in abbreviated form. Where two dates are listed, the first is the true date of publication, so far as can be determined, with the date following in parentheses being the date printed on the publication. The sex of the type specimens, if stated in the description, is then listed. The original locality is quoted for each description, and the type depository is then listed in parentheses. If the sex of the holotype or lectotype is known, this is listed with the depository, except where a single sex was specified in the original description, in which case this information is not repeated, or where syntypes have not had a lectotype designated (a few exceptions to these rules are corrections to original descriptions). A code word is used to designate most type depositories in the checklist, typically the name of city in which the collection is located; this precedes the name of the museum or institution. Museums or institutions where type specimens are kept are as follows.

Berlin: Museum für Naturkunde der Humboldt-Universität, Berlin, Germany
BOL: Biologiezentrum des Oberösterreichischen Landesmuseums Linz, Austria
Bremen: Übersee-Museum, Bremen, Germany
Budapest: Hungarian Natural History Museum, Budapest, Hungary
Buenos Aires: Museo Argentino de Ciencias Naturales "Bernardino Rivadavia," Buenos Aires, Argentina
Cambridge: Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA
Canberra: Australian National Insect Collection, CSIRO, Canberra, Australia
Cape Town: South African Museum, Cape Town, South Africa
Copenhagen: Zoologisk Museum, Kobenhavns Universitet, Copenhagen, Denmark
Davis: Bohart Museum of Entomology, University of California, Davis, California, USA
Geneva: Muséum d'Histoire Naturelle, Geneva, Switzerland
Genova: Museo Civico di Storia Naturale "Giacomo Doria," Genoa, Italy
Grahamstown: Albany Museum, Grahamstown, South Africa
Hamburg: Zoologisches Museum, Universität Hamburg, Hamburg, Germany
Helsinki: Finnish Museum of Natural History, Helsinki, Finland
IPC: Instituto Pedagógico de Chile [Universidad de Chile, Santiago, Chile]
Leiden: Nationaal Natuurhistorisch Museum, Leiden, the Netherlands
Linz: coll Gusenleitner, Pfitznerstrasse 31, A-4020 Linz/Donau, Austria
London: Natural History Museum, London, England
Madrid: Museo Nacional de Ciencias Naturales, Madrid, Spain
Moscow: Zoological Museum, Moscow State University, Moscow, Russia
New York: American Museum of Natural History, New York, New York, USA
Oxford: Hope Entomological Collections, Oxford University, Oxford, England
Paris: Muséum National d'Histoire Naturelle, Paris, France
Perth: Western Australian Museum, Perth, Australia
Philadelphia: Academy of Natural Sciences, Philadelphia, Pennsylvania, USA
Pretoria: Transvaal Museum, Pretoria, South Africa
St. Petersburg: Zoological Institute, Russian Academy of Sciences, St Petersburg, Russia
San Francisco: California Academy of Sciences, San Francisco, California, USA
San Lorenzo: Museo Nacional de Historia Natural del Paraguay, San Lorenzo, Paraguay
Santiago: Museo Nacional de Historia Natural, Santiago, Chile
Sofia: National Museum of Natural History, Bulgarian Academy of Sciences, Sofia, Bulgaria
Tucumán: Fundación y Instituto Miguel Lillo, Tucumán, Argentina
Turin: Museo di Zoologia Sistematica dell'Università di Torino, Turin, Italy
Uppsala: Zoological Museum, Uppsala University, Uppsala, Sweden
Venice: Museo Civico di Storia Naturale, Venice, Italy
Vienna: Naturhistorisches Museum Wien, Vienna, Austria
Washington: National Museum of Natural History, Smithsonian Institution, Washington, DC, USA
Zürich: Eidgenössiche Technische Hochschule, Zürich, Switzerland

A few smaller private collections are not included in the above list, being mostly collections whose present whereabouts are doubtful.

Distributional data are summarized by country in the final paragraph for each spe-

cies. An asterisk denotes a new locality record.

SUBFAMILY MASARINAE LATREILLE, 1802

Masarides Latreille, 1802, Hist. Nat. Crust. Insect. 3: 367, family. TYPE GENUS: *Masaris* Fabricius, 1793.

Mazaridinae Schulz, 1911, Zool. Ann. Würzburg 4: 199. Unnecessary emendation of Masarinae Latreille.

Celonitinae Börner, 1919, Biol. Zentralbl. 39(4): 186. TYPE GENUS: *Celonites* Latreille, 1802.

Saryarinae Kuznetzov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127. TYPE GENUS: *Saryara* Kuznetzov, 1923.

TRIBE GAYELLINI BRADLEY, 1922

Gayellinae Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 374, 376, 380 (key), subfamily. TYPE GENUS: *Gayella* Spinola, 1851.

Genus **Gayella** Spinola

Gayella Spinola, 1851, *in* Gay, Hist. Fis. Polit. Chile, 6: 328, genus. TYPE SPECIES: *Gayella eumenoides* Spinola, 1851, by monotypy.

Gazella[!]Reed, 1894, Proc. Zool. Soc. London 1893: 685.

araucana Willink

Gayella araucana Willink, 1956, Bol. Acad. Nac. Cienc. 39: 341, 342, 346, figs. 3, 4, female, male –"Chile, Prov. Santiago: Renca" (holotype female, IPC).

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso, Santiago, O'Higgins, Maule, Biobío.

eumenoides Spinola

Gayella eumenoides Spinola, 1851, *in* Gay, Hist. Fis. Polit. Chile. Zool. 6: 333, pl. II, fig. 2, male, female –"provincias del norte y sobretodo en Santa Rosa" (lectotype female, Paris).

Gayella sicheliana von Schulthess, 1910, Deutsch. Entomol. Z.: 189, as a synonym of *eumenoides,* attributed to de Saussure.

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso, Santiago, O'Higgins, Maule.

luispenai Willink and Ajmat de Toledo

Gayella luispenai Willink and Ajmat de Toledo, 1979, Acta Zool. Lilloana 35: 427, 428, 429, figs. 1, 6, 7, male, female –"Riconada, Jujuy, Argentina" (holotype male, Tucumán).

DISTRIBUTION: Argentina: Jujuy; Bolivia: Potosí.

mutilloides de Saussure

Gayella mutilloides de Saussure, 1855, Ét. Fam. Vesp. 3: 114, female –"Le Chili" (London).

Gayella odyneroides; von Schulthess, 1910, Deutsch. Entomol. Z.: 189. *Lapsus calami.*

Gayella mutilloides nigerrima Giordani Soika, 1960 (1958), Boll. Mus. Civ. Stor. Nat. Venezia 11: 80, female –"Cile" (Venice).

DISTRIBUTION: Chile: Valparaíso, Santiago, Biobío, Araucanía; Argentina: Chubut, Neuquén, Rio Negro.

patagonica Willink

Gayella patagonica Willink, 1956, Bol. Acad. Nac. Cienc. 39: 341, 342, 350, figs. 9–11, female, male –"Esquel, Chubut, Argentina" (holotype female, Tucumán).

Gayella cerceroides Giordani Soika, 1960 (1958), Boll. Mus. Civ. Stor. Nat. Venezia 11: 82, female –"N.W. Patagonia, 1000–3000 piedi" (London).

DISTRIBUTION: Chile: Santiago; Argentina: Chubut, Mendoza, Rio Negro.

reedi Willink

Gayella reedi Willink, 1963, Acta Zool. Lilloana 19: 385, 1 fig., female –"Casa Blanca, Valparaíso, Chile" (San Francisco).

DISTRIBUTION: Chile: Atacama, Coquimbo, Valparaíso.

Genus **Paramasaris** Cameron

Paramasaris Cameron, 1901, Trans. Am. Entomol. Soc. 27: 311, genus. TYPE SPECIES: *Paramasaris fuscipennis* Cameron, 1901, by monotypy.

Zethoides Cameron, 1904, Trans. Am. Entomol. Soc. 30: 93, genus, non *Zethoides* Fox, 1899. TYPE SPECIES: *Zethoides flavolineatus* Cameron, 1904, by monotypy.

Plesiozethus Cameron, 1905, Entomologist 38: 269, replacement name for *Zethoides* Cameron.

Metazethoides Schulz, 1906, Spolia Hym.:

213, unnecessary replacement name for *Zethoides* Cameron.

Paragayella Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 87, 89, 99, genus. TYPE SPECIES: *Paragayella richardsi* Giordani Soika, 1974, by original designation and monotypy.

brasiliensis Giordani Soika

Paramasaris brasiliensis Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 105, female, male –"*Brasile*: Nova Teutonia, Santa Catarina" (holotype female, Cambridge).

DISTRIBUTION: Brazil: Santa Catarina; Argentina: Misiones.

cupreus Giordani Soika

Paramasaris cupreus Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 104, 106, female –"*Columbia*: Caqueta, Florencia, 480 m." (London).

DISTRIBUTION: Colombia: Caqueta, Magdalena, Putumayo; Peru: Loreto.

fuscipennis Cameron

Paramasaris fuscipennis Cameron, 1901: 312, female –"Santa Fé Mountains, New Mexico" (London).

Zethoides flavolineatus Cameron, 1904, Trans. Am. Entomol. Soc. 30: 94, male – "Panama (Pacific side)" (London).

DISTRIBUTION: Colombia; Panama; Guatemala; Mexico: Jalisco, Sinaloa.

richardsi (Giordani Soika)

Paragayella richardsi Giordani Soika, 1974, Boll. Mus. Civ. Stor. Nat. Venezia 25: 88, fig. 2, pl. II, 101, female –"*Brasile*: Mato Grosso, Serra Roncados, R. S. Base Camp" (London).

DISTRIBUTION: Brazil: Goiás, Mato Grosso.

TRIBE MASARINI LATREILLE, 1802

SUBTRIBE PRISCOMASARINA GESS, 1998

Priscomasarina Gess, 1998, J. Hym. Res. 7(2): 296, 299, subtribe. TYPE GENUS: *Priscomasaris* Gess, 1998.

Genus **Priscomasaris** Gess

Priscomasaris Gess, 1998, J. Hym. Res. 7(2): 296, genus. TYPE SPECIES: *Priscomasaris namibiensis* Gess, 1998, by original designation and monotypy.

namibiensis Gess

Priscomasaris namibiensis Gess, 1998, J. Hym. Res. 7(2): 296, 300, figs. 2–9, female, male –"Namibia: between Palm and Khorixas (20.17S 14.05 E)" (holotype female, Grahamstown); also from five other localities in Namibia.

DISTRIBUTION: Namibia.

SUBTRIBE PARAGIINA BRADLEY, 1922

Paragiini Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 387 (key), tribe. TYPE GENUS: *Paragia* Shuckard, 1837.

Genus **Metaparagia** Meade-Waldo

Metaparagia Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 748, genus. TYPE SPECIES: *Paragia pictifrons* Smith, 1857, by original designation.

Riekia Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 54, genus. TYPE SPECIES: *Riekia nocatunga* Richards, 1962, by original designation and monotypy.

Rolandia Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 57, genus. TYPE SPECIES: *Paragia maculata* Meade-Waldo, 1910, by original designation and monotypy.

Ammoparagia Snelling, 1986, Contrib. Sci. 378: 1, 2, genus. TYPE SPECIES: *Ammoparagia hua* Snelling, 1986, by original designation and monotypy.

angulata (Richards)

Riekia angulata Richards, 1968, J. Aust. Entomol. Soc. 7: 101, female –"QUEENSLAND . . . Cunnamulla" (Canberra); also from New South Wales.

DISTRIBUTION: Australia: Queensland, New South Wales.

borreriae (Snelling)

Rolandia borreriae Snelling, 1986, Contrib. Sci. 378: 1, 8–9, 11, figs. 11, 17, 24, male, female –"Cooper Creek (12°06′S, 133°04′E), 19 km E by S Mt. Borradaile, Northern Territory" (holotype male, Perth).

DISTRIBUTION: Australia: Northern Terrritory.

confluens (Snelling)

Paragia confluens Snelling, 1986, Contrib. Sci. 378: 1, 14, fig. 28, female –"Western

Australia . . . 36 km ESE Minnie Creek Homestead, 24°38′S, 115°42′E" (Perth).
DISTRIBUTION: Australia: Western Australia.

doddi Meade-Waldo
Metaparagia doddi Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 748, female – "Cairns, N. Queensland" (London).
DISTRIBUTION: Australia: Queensland.

houstoni (Snelling)
Rolandia houstoni Snelling, 1986, Contrib. Sci. 378: 1, 8, figs. 9, 12, 14, 15, 18, 22, 23, 26, 29, male, female –"Western Australia . . . 10 km ESE Meedo Homestead (25°40′S, 114°37′W)" (holotype male, Perth).
DISTRIBUTION: Australia: Western Australia.

hua (Snelling)
Ammoparagia hua Snelling, 1986, Contrib. Sci. 378: 1, 3, 5, figs. 1–8, male, female – "Western Australia . . . 43 km ENE Landor Homestead (25°08′S, 116°54′E)" (holotype male, Perth).
DISTRIBUTION: Australia: Western Australia.

maculata (Meade-Waldo)
Paragia maculata Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 31, 32, female, male –"Western Australia" (lectotype female, London).
DISTRIBUTION: Australia: Western Australia.

nocatunga (Richards)
Riekia nocatunga Richards, 1962, Revision. Study Masarid Wasps: 54, figs. 55–59, female –"New South Wales: Nocatunga (7 miles N. of)" (Canberra).
DISTRIBUTION: Australia: New South Wales.

pictifrons (Smith)
Paragia pictifrons Smith, 1857, Cat. Hym. Brit. Mus.: 2, female –"Swan River" (London).
DISTRIBUTION: Australia: Western Australia.

Genus **Paragia** Shuckard

Paragia Shuckard, 1837, Trans. Entomol. Soc. London 2: 81, genus. TYPE SPECIES: *Paragia* decipiens Shuckard, 1837, by monotypy.
Alpha Dalla Torre, 1904, Genera Insect. 19: 4, name for division I of genus *Paragia* Shuckard in de Saussure, 1855, Ét. Fam. Vesp. 3: 54 (3 species). Non *Alpha* de Saussure, 1854.
Beta Dalla Torre, 1904, Genera Insect. 19: 4, name for division II of genus *Paragia* Shuckard in de Saussure, 1855, Ét. Fam. Vesp. 3: 56 (5 species). Non *Beta* de Saussure, 1854.
Cygnaea Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 60, subgenus of *Paragia* Shuckard. TYPE SPECIES: *Paragia vespiformis* Smith, 1865, by original designation and monotypy.
Paragiella Richards, 1962, Revision. Study Masarid Wasps: 4, 53, 67, subgenus of *Paragia* Shuckard. TYPE SPECIES: *Paragia odyneroides* Smith, 1850, by original designation.

australis australis de Saussure
Paragia australis de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xxi, sex not stated –"Nova Hollandia" (Paris).
DISTRIBUTION: Australia: New South Wales.

australis borealis Richards
Paragia australis borealis Richards, 1962, Revision. Study Masarid Wasps: 67, 71, female, male –"Queensland: 17 miles west of Morven" (holotype female, Canberra).
DISTRIBUTION: Australia: Queensland.

bicolor de Saussure
Paragia bicolor de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xxi, sex not stated –"Nova Hollandia" (Paris).
DISTRIBUTION: Australia: New South Wales.

calida Smith
Paragia calida Smith, 1865, Trans. Entomol. Soc. London (3) 2: 392, male –"Adelaide" (London).
DISTRIBUTION: Australia: South Australia, Western Australia.

deceptor Smith
Paragia deceptor Smith, 1862, Trans. Entomol. Soc. London (3) 1: 56, female – "Australia" (London).
Paragia deceptrix; Schulz, 1906, Spolia Hym.: 213. Unnecessary emendation.
DISTRIBUTION: Australia: Queensland, New South Wales.

decipiens aliciae Richards
Paragia decipiens aliciae Richards, 1962, Revision. Study Masarid Wasps: 63, 64,

female, male –"Northern Territories: Alice Springs" (holotype female, London).
DISTRIBUTION: Australia: Northern Terrritory, Queensland.

decipiens decipiens Shuckard
Paragia decipiens Shuckard, 1837, Trans. Entomol. Soc. London 2: 82, pl. VIII, fig. 3, female –"New South Wales" (London).
DISTRIBUTION: Australia: New South Wales, Victoria, South Australia.

generosa Richards
Paragia generosa Richards, 1962, Revision. Study Masarid Wasps: 67, 69, female – "Queensland: 30 miles S.S.W. of Ayr" (Canberra).
DISTRIBUTION: Australia: Queensland.

hirsuta Meade-Waldo
Paragia hirsuta Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 749, male –"Cairns, N. Queensland" (London).
DISTRIBUTION: Australia: Queensland.

magdalena Turner
Paragia magdalena Turner, 1908: 89, female –"MACKAY, Queensland" (London).
DISTRIBUTION: Australia: Queensland.

mimetica Richards
Paragia mimetica Richards, 1968, J. Aust. Entomol. Soc. 7: 101, 102, male, female – "WESTERN AUSTRALIA . . . 10 m. W. Watheroo" (holotype male, Canberra).
DISTRIBUTION: Australia: Western Australia.

monocesta Snelling
Paragia monocesta Snelling, 1986, Contrib. Sci. 378: 1, 15–16, figs. 27, 30, 31, female, male –"Western Australia . . . 10 km ESE Meedo Homestead, 25°40′S, 114°37′E" (holotype female, Perth).
DISTRIBUTION: Australia: Western Australia.

morosa Smith
Paragia morosa Smith, 1868, Trans. Entomol. Soc. London 1868: 251, female – "Champion Bay" (London).
DISTRIBUTION: Australia: Western Australia.

nasuta Smith
Paragia nasuta Smith, 1868, Trans. Entomol. Soc. London 1868: 252, female, male –"Champion Bay" (lectotype female, London).
DISTRIBUTION: Australia: Queensland, Western Australia.

odyneroides Smith
Paragia odyneroides Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, pl. 5, fig. 2, male –"Hunter River, New Holland" (London).
Paragia bidens de Saussure, 1855, Ét. Fam. Vesp. 3: 59, male –"L'Adélaïde, Nouvelle –Hollande" (London).
Paragia praedator de Saussure, 1855, Ét. Fam. Vesp. 3: 59, female –"Le sud de la Nouvelle –Hollande" (London).
DISTRIBUTION: Australia: Queensland, New South Wales, Victoria, South Australia.

oligomera Snelling
Paragia oligomera Snelling, 1986, Contrib. Sci. 378: 1, 13, female –"Western Australia . . . 10 km NE Wanneroo" (Perth).
DISTRIBUTION: Australia: Western Australia.

perkinsi Meade-Waldo
Paragia perkinsi Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 750, female – "Cairns, N. Queensland" (London).
DISTRIBUTION: Australia: Queensland.

propodealis Richards
Paragia propodealis Richards, 1968, J. Aust. Entomol. Soc. 7: 101, 104, female –"NEW SOUTH WALES . . . Caldwell" (Canberra).
DISTRIBUTION: Australia: New South Wales.

schulthessi Turner
Paragia schulthessi Turner, 1936, Ann. Mag. Nat. Hist. (10) 18: 352, female –"Dedari, 40 miles west of Coolgardie, W. Australia" (London).
DISTRIBUTION: Australia: Western Australia.

smithii de Saussure
Paragia tricolor Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, male, not female.
Paragia smithii de Saussure, 1854, Ét. Fam. Vesp. 3: pl. II fig. 1, female; 1855, Ét. Fam. Vesp. 3: 55 –"L'Australie Occidentale" (type depository unknown).
DISTRIBUTION: Australia: New South Wales, Victoria, South Australia, Western Australia.

sobrina Smith

Paragia sobrina Smith, 1869, Trans. Entomol. Soc. London 1869: 309, female – "Champion Bay" (London).

Paragia excellens Smith, 1869, Trans. Entomol. Soc. London 1869: 309, female, male –"Champion Bay" (lectotype female, London).

DISTRIBUTION: Australia: Western Australia.

tricolor Smith

Paragia tricolor Smith, 1850, Trans. Entomol. Soc. London (2) 1: 41, pl. 5, fig. 1, female not male –"Perth, W. Australia" (London).

Paragia saussurii Smith, 1857, Cat. Hym. Brit. Mus.: 2, female –"Perth" (London).

Paragia saussurei[!]; Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 32; Richards, 1962, Revision. Study Masarid Wasps: 66, 294.

DISTRIBUTION: Australia: Western Australia.

venusta Smith

Paragia venusta Smith, 1865, Trans. Entomol. Soc. London (3) 2: 393, female – "Swan River" (London).

Paragia concinna Smith, 1868, Trans. Entomol. Soc. London 1868: 251, female – "Champion Bay" (London).

DISTRIBUTION: Australia: Western Australia.

vespiformis Smith

Paragia vespiformis Smith, 1865, Trans. Entomol. Soc. London (3) 2: 393, female – "Swan River" (London).

DISTRIBUTION: Australia: Western Australia.

walkeri Meade-Waldo

Paragia walkeri Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 31, 33, male –"Adelaide River, Northern Territory" (London).

DISTRIBUTION: Australia: Northern Terrritory, Queensland.

SUBTRIBE MASARINA LATREILLE, 1802

Genus **Celonites** Latreille

Celonites Latreille, 1802, Hist. Nat. Crust. Insect. 3: 368, genus. TYPE SPECIES: *Masaris apiformis* Fabricius, 1793 (= *Vespa abbreviata* Villers, 1789), by monotypy.

Chelonites[!] Leach, 1815, "Entomology" *in* Edinburgh Encyclop. IX(1): 154.

Coelonites[!] Blanchard, 1840, Hist. Nat. Anim. Artic. 3: 387.

Paracelonites Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 108, subgenus of *Celonites* Latreille (6 species). Unavailable; no type species designated.

Eucelonites Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 112, subgenus of *Celonites* Latreille (4 species). Unavailable; no Type species: designated.

Eucelonites Richards, 1962, Revision. Study Masarid Wasps: 214, 215, subgenus of *Celonites* Latreille. Validation by type selection of *Eucelonites* Kostylev, 1935. TYPE SPECIES: *Celonites cyprius* de Saussure, 1854, by original designation.

abbreviatus abbreviatus (Villers)

Vespa abbreviata Villers, 1789, C. Linn. Entomol. 3: 281, sex not stated –"Europa. In Gallia Australiori" (destroyed).

Chrysis dubia Rossi, 1790, Fauna Etrusca 2: 77, pl. VII, figs. x–xi, sex not stated [female] –"Provinciis Florentina et Pisana" (destroyed?).

Cimbex vespiformis Olivier, 1790, Encyc. Méth.: 772, sex not stated –"en France, en Italie . . . aux environs de Paris" (destroyed?).

Masaris apiformis Fabricius, 1793, Entomol. Syst. 2: 284, sex not stated –"in Italia" (Copenhagen).

Celonites abbreviatus var. *Hungaricus* Mocsáry, 1877, Termesz. Füzetek. 1: 90, female –"Hungaria centrali" (Budapest?).

Celonites abbreviatus var. *engadinensis* von Schulthess, 1923, *in* Michaelsen, Beitr. Kennt. Land-u. Süsswasser. Deutsch-Südwestafr. 2(2), Hym. VI Vesp.: 139, male, female –"Schweiz. Alpengebiet, Ober-Engadin, Sils Baselgia" (Zürich).

DISTRIBUTION: Germany; Austria; Hungary; Switzerland; France; Spain; Portugal; Italy; Croatia; Albania; Bulgaria; Greece: Corfu; Cyprus; Turkey; Israel; Morocco.

abbreviatus tauricus Kostylev

Celonites abbreviatus tauricus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 108, female (in subgenus *Celonites*)–"Крым" Crimea] (St. Petersburg?).

DISTRIBUTION: Ukraine.

afer Lepeletier
Celonites afer Lepeletier, 1841, Hist. Nat. Insect. Hym. 2: 585, female –"Oran" (Paris?).
DISTRIBUTION: Morocco; Algeria; Tunisia; Libya.

andrei Brauns
Celonites Andréi Brauns, 1905, Ann. Mus. Natl. Hung. 3: 228, female –"Terra Capensis: Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

bergenwahliae Gess
Celonites bergenwahliae Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 8–9, 12–13, 91, female, male –"Cape Province: Clanwilliam District, Klein Alexandershoek (32°20′20″S, 18°46′E)" (holotype female, Grahamstown); also from 5 km W of Clanwilliam.
DISTRIBUTION: South Africa: Western Cape.

capensis Brauns
Celonites capensis Brauns, 1905, Ann. Mus. Natl. Hung. 3: 231, female –"Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

clarus Gusenleitner
Celonites clarus Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, 66, female –"*Iran,* Teheran, Steppa presso Chitgar, 18 km W Teheran" (Venice).
DISTRIBUTION: Iran.

clypeatus Brauns
Celonites clypeatus Brauns, 1913, Entomol. Mitt., Berlin 2: 206, female –"Willowmore" (Pretoria).
DISTRIBUTION: Namibia*; South Africa: Northern Cape*, Eastern Cape.

crenulatus Morawitz
Celonites crenulatus Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 267, female –"in territorio transcaspico (Kiltitschinar)" (St. Petersburg?).
DISTRIBUTION: Iran*; Turkmenistan.

cyprius cyprius de Saussure
Celonites cyprius de Saussure, 1854, Mém. Soc. Phys. Hist. Nat. Genève 14: 4, male –"l'Ille de Chypre" (Geneva?).
DISTRIBUTION: Cyprus.

cyprius smyrnensis Richards
Celonites cyprius smyrnensis Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 232, female, male –"Turkey: near Smyrna, Burnova" (holotype female, London); also from Israel (Greece: Rhodes mentioned in key).
DISTRIBUTION: Greece: Thessalia, Pelopponisos, Rhodes; Turkey; Armenia; Iran; Syria; Lebanon; Israel.

davidi Gess
Celonites davidi Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, fig. 14, 92, male –"Cape Province: Namaqualand, Anenous (29°15′30″S, 17°34′45″E)" (Grahamstown).
DISTRIBUTION: South Africa: Northern Cape.

discretus Gusenleitner
Celonites discretus Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, figs. 3a, 4b, 62, female –"*Iran,* Fars, Monti steppiti 5 km N di Persepolis" (Venice).
DISTRIBUTION: Iran.

fischeri Spinola
Celonites fischeri Spinola, 1838, Ann. Soc. Entomol. France 7: 505, female –"Egypte" (type depository unknown).
?*Celonites savignyi* de Saussure, 1855, Ét. Fam. Vesp. 3: 91 –"Description de l'Egypte. Hymen. Pl. IX, fig. 19, ♀♂" (type depository unknown).
DISTRIBUTION: Algeria; Tunisia; Libya; Egypt; Cyprus; Israel; Saudi Arabia.

foveolatus foveolatus Kostylev
Celonites foveolatus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 111, 112, male, female (in subgenus *Paracelonites*) –"Закаспийские пустыни" [Zakaspian desert] (Moscow, St. Petersburg?).
DISTRIBUTION: Turkmenistan.

foveolatus nigrior Richards
Celonites foveolatus nigrior Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 234, female –"Israel: Jericho" (Oxford).
DISTRIBUTION: Turkey; Israel.

gariepensis Gess
Celonites gariepensis Gess, 1997, J. Hym. Res. 6: 36, 41, figs. 1–6, female, male –

"Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown); also from two other localities in Richtersveld.
DISTRIBUTION: South Africa: Northern Cape.

guichardi Richards
Celonites guichardi Richards, 1962, Revision. Study Masarid Wasps: 218 (key), 233, female –"Libya: Fezzan, El Manakh (50 m. N.W. of Edri)" (London).
DISTRIBUTION: Libya.

hamanni Gusenleitner
Celonites hamanni Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, 65, 66, fig. 6, female, male –"*Türkei* Mut" (holotype female, Linz).
Celonites hammani[!]; Yildirim and Özbek, 1997, Atatürk. Ü. Zir. Fak. Der. 28 (2): 224.
DISTRIBUTION: Turkey; Syria; Jordan.

hellenicus Gusenleitner
Celonites hellenicus Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 109, 110 (key), 112, male, female (in subgenus *Eucelonites*) –"Hellas: Ano Karmes, (Likeo Bgl.)" (holotype male, BOL); also from elsewhere in Greece.
DISTRIBUTION: Greece.

humeralis Richards
Celonites humeralis Richards, 1962, Revision. Study Masarid Wasps: 219, 236, female –"Cape Province: near Calvinia, Bloukrans" (London); also from Nieuwoudtville.
DISTRIBUTION: South Africa: Northern Cape.

hystrix Kostylev
Celonites hystrix Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 138, female, male (in subgenus *Eucelonites*) –"Kondara, Chaîne Ghissar, 30 km vers le N de Stalinabad (autrefois Duchambé), 1 100 m au –d. du niv. de la mer" (coll. Gussakovskii, St. Petersburg).
DISTRIBUTION: Tajikistan.

jousseaumei jousseaumei du Buysson
Celonites jousseaumei du Buysson, 1906, Rev. Entomol., Caen 25: 104, female, male –"Obock, Djibouti, Tadjourah" (Paris).
Celonites Joussaumei[!]; von Schulthess, 1923, *in* Michaelsen, Beitr. Kennt. Land-u. Süsswasser. Deutsch-Südwestafr. 2(2), Hym. VI Vesp.: 140.
Celonites jousseaumei asrensis Giordani Soika, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, female –"YEMEN: 'Asr, about 3 miles west of San'a, 8100 ft." (London).
DISTRIBUTION: Algeria; Sudan; Dijibouti; Israel; Saudi Arabia; Yemen; Oman; United Arab Emirates; Qatar.

jousseaumei senegalensis Richards
Celonites jousseaumei senegalensis Richards, 1962, Revision. Study Masarid Wasps: 216 (key), 224, female, male –"Senegal: Bambey" (holotype female, Paris).
DISTRIBUTION: Senegal; Mali; Djibouti.

kostylevi Panfilov
Celonites kostylevi Panfilov, 1961, Arch. Mus. Zool. Univ. Moscou 8: 165, female, male (in subgenus *Celonites*) –"Киргизия: западное побержье оз. Иссык-Куль, урочище Ак-Улен"[Kirghizia: east bank of Issyk-Kul' lake, forest valley Ak-Ulen] (Moscow).
DISTRIBUTION: Kyrgyzstan.

kozlovi Kostylev
Celonites kozlovi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 110 (in subgenus *Paracelonites*) –"Пустыня Гоби (Монголия)" [Gobi Desert, Mongolia] (St. Petersburg?).
DISTRIBUTION: Mongolia.

laetus Panfilov
Celonites laetus Panfilov, 1968, Arch. Zool. Mus. Moscow State Univ. 11: 40, fig. 3, female –"Закавказье: Нахичевань, окрестноти Джульфы, пустынные предгорья"[Transcaucasia: Nakhichevan', vicinity of Dzhulfa, desert foothills] (Moscow).
DISTRIBUTION: Azerbaijan.

latitarsis Gess
Celonites latitarsis Gess, 1992, J. Hym. Res. 1: 141, figs. 1–5, female, male –"Cape Province: Clanwilliam District, 11 km W of Clanwilliam on road to Graafwater" (holotype female, Grahamstown).
DISTRIBUTION: South Africa: Western Cape.

lobeliae Gess
Celonites lobeliae Gess, 1997, J. Hym. Res. 6: 36, 46, figs. 13–14, female, male –

"Cape Province: Betw[een] Nieuwoudtville and top of Vanrhyns Pass" (holotype female, Grahamstown).
DISTRIBUTION: South Africa: Northern Cape.

longipilis Gusenleitner
Celonites longipilis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 59, figs. 3b, 4a, female –"*Iran,* Fers [Fars], Monti steppici 5 km N di Persepolis" (Venice).
DISTRIBUTION: Iran.

mayeti Richards
Celonites mayeti Richards, 1962, Revision. Study Masarid Wasps: 222 (key), 243, figs. 202, 208, 211, female, male –"France: Bouches-du-Rhône, Camargue" (holotype male, Paris); also from other localities in France and Spain.
DISTRIBUTION: France; Spain.

michaelseni von Schulthess
Celonites Michaelseni von Schulthess, 1923, *in* Michaelsen, Beitr. Kennt. Land.-u. Süsswasser. Deutsch-Südwestafr. 2(2), Hym. VI Vesp.: 137, male –"Windhuk" (Hamburg?).
DISTRIBUTION: Namibia.

modestus biinterruptus Kostylev
Celonites modestus biinterruptus Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 138, female, male (in subgenus *Paracelonites*) –"Ruidacht, 40 km. de Stalinabad" (coll. Gussakovskii, St. Petersburg).
Celonites modestus bisinterruptus[!]; Richards, 1962, Revision. Study Masarid Wasps: 247.
DISTRIBUTION: Tajikistan.

modestus modestus Kostylev
Celonites modestus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 110 (in subgenus *Paracelonites*) –"Памир, Хребет Петра Великого"[Pamir, Mountains of Peter the Great] (St. Petersburg?).
DISTRIBUTION: Tajikistan.

montanus Mocsáry
Celonites montanus Mocsáry, 1906, Ann. Hist.-Nat. Mus. Hung. 4: 198, male –"Turkestan: Alai montes" (Budapest).
DISTRIBUTION: Kyrgyzstan; China: Xinjiang.

nursei Dover
Celonites nursei Dover, 1925 (1924), J. Proc. Asiat. Soc. Bengal (n. ser.) 20(6): 289, fig. 1, female –"Quetta" (London).
DISTRIBUTION: Pakistan.

octoannulatus hissaricus Kostylev
Celonites octoannulatus hissaricus Kostylev, 1940, Bull. Soc. Nat. Moscou (Biol.) 49: 137, female, male (in subgenus *Paracelonites*) –"Ruidacht, 40 km vers le N de Stalinabad (autrefois Duchambé). 3000 m. audessus du niv. de la m." (coll. Gussakovskii, St. Petersburg).
DISTRIBUTION: Tajikistan.

octoannulatus octoannulatus (Kuznetzov)
Saryara octoannulata Kuznetzov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127, female, male –"Montes Ac-Tasch, distr. Taschkent, Turkestan. Alt 7500" (St. Petersburg).
DISTRIBUTION: Uzbekistan.

osseus Morawitz
Celonites osseus Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 268, female –"in territorio transcaspico (Tschikischljar)" (St. Petersburg?).
DISTRIBUTION: Armenia; Turkmenistan.

peliostomi Gess
Celonites peliostomi Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 1–5, female, male –"Cape Province: Namaqualand, Springbok, Hester Malan Nature Reserve" (holotype female, Grahamstown).
DISTRIBUTION: South Africa: Northern Cape.

persicus Richards
Celonites persicus Richards, 1962, Revision. Study Masarid Wasps: 221 (key), 241, female –"South West Persia: K. Sefid" (London).
DISTRIBUTION: Iran.

phlomis Gusenleitner
Celonites phleomis[!]; Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 60, fig. 3c. Incorrect original spelling.
Celonites phlomis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 61, 63, fig. figs. 4c, 5, female, male –"*Türkei,* Urfa" (holotype female, Linz).
DISTRIBUTION: Turkey.

pictus pictus Richards
Celonites pictus Richards, 1962, Revision. Study Masarid Wasps: 217 (key), 226, figs.

176–177, male –"Senegal: Bambey" (Paris).
DISTRIBUTION: Senegal; Morocco; Saudi Arabia; Oman.

pictus rufiventris Gusenleitner
Celonites pictus rufiventris Gusenleitner, 1992, Linz. Biol. Beitr. 24(1): 59, 60, female –"Iran, Bandar Abbas (Strand)" (Linz).
DISTRIBUTION: Iran.

promontorii Brauns
Celonites promontorii Brauns, 1905, Ann. Mus. Natl. Hung. 3: 232, female –"Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Eastern Cape, Free State.

purcelli Brauns
Celonites Purcelli Brauns, 1905, Ann. Mus. Natl. Hung. 3: 226, female, male –"Terra Capensis: Willowmore" (Pretoria).
Celonites purcelli var. *flavomaculatus* Brauns, 1913, Entomol. Mitt., Berlin 2: 205, male –"Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Eastern Cape.

rothschildi du Buysson
Celonites rothschildi du Buysson, 1906, Rev. Entomol., Caen 25: 105, male –"Afrique orientale anglaise: Lesammise, Rendilé" (Paris).
Celonites Rotschildi[!]; von Schulthess, 1923, *in* Michaelsen, Beitr. Kennt. Land.- u. Süsswasser. Deutsch-Südwestafr. 2(2), Hym. VI Vesp.: 140.
DISTRIBUTION: Kenya; Iran?

rudesculptus Kostylev
Celonites rudesculptus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 109 (in subgenus *Paracelonites*) –"Армения" [Armenia] (St. Petersburg?).
DISTRIBUTION: Armenia.

rugiceps Bischoff
Celonites rugiceps Bischoff, 1928, Abhand. Naturwiss. Verein. Bremen 27 (1): 86, female –"Kreta" (Berlin); also from mainland Greece; Turkey.
DISTRIBUTION: Croatia; Yugoslavia; Bulgaria; Greece: Argos, Crete; Cyprus; Turkey.

semenovi Kostylev
Celonites semenovi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 112 (in subgenus *Eucelonites*) –"Персия" [Persia] (St. Petersburg?).
DISTRIBUTION: Iran.

spinosus Gusenleitner
Celonites spinosus Gusenleitner, 1966, Polskie Pismo Entomol. 36: 359, fig. 2, male, female –"Kusadasi" (holotype female, Linz); also from other localities in Turkey.
Celonites abbreviatus invitus Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 58, fig. 2b, female, male –"*Türkei*, Gürün" (holotype female, Linz); also from elsewhere in Turkey, and Armenia.
DISTRIBUTION: Turkey; Armenia.

tristiculus karatauicus Kostylev
Celonites tristiculus karatauicus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 111, male (in subgenus *Paracelonites*) – [Kara Tau] (St. Petersburg?).
DISTRIBUTION: Kazakhstan.

tristiculus tristiculus Kostylev
Celonites tristiculus Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 111, female, male (in subgenus *Paracelonites*) – "Фергана. Сыр-Дарья"[Fergana. Syr Darya] (Moscow, St. Petersburg?).
DISTRIBUTION: Uzbekistan.

tumidiscutellatus Gess
Celonites tumidiscutellatus Gess, 1997, J. Hym. Res. 6: 36, 44, figs. 7–12, female, male –"Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve" (holotype female, Grahamstown); also from three other localities in Namaqualand, and Eastern Cape.
DISTRIBUTION: South Africa: Northern Cape, Eastern Cape.

turneri Richards
Celonites turneri Richards, 1962, Revision. Study Masarid Wasps: 221 (key), 238, figs. 195–197, male –"Cape Province: Aliwal North" (London).
DISTRIBUTION: South Africa: Western Cape,* Eastern Cape.

varipennis Richards
Celonites varipennis Richards, 1962, Revision. Study Masarid Wasps: 219 (key), 239, fig. 200, female, male –"Libya: Tibesti, Enneri Meche" (holotype male, London).

DISTRIBUTION: Libya.

wahlenbergiae Gess
Celonites wahlenbergiae Gess, 1989, Ann. Cape Prov. Mus. (Nat. Hist.) 18: 83, figs. 6–7, 10–11, 87, female, male –"Cape Province: Clanwilliam District, Clanwilliam Dam" (holotype female, Grahamstown).
DISTRIBUTION: South Africa: Western Cape.

wheeleri Brauns
Celonites Wheeleri Brauns, 1905, Ann. Mus. Natl. Hung. 3: 230, female, male –"Terra Capensis: Willowmore" (Pretoria).
Celonites wheeleri var. *immaculatus* Brauns, 1905, Ann. Mus. Natl. Hung. 3: 230, female –"Terra Capensis: Willowmore" (Pretoria).
DISTRIBUTION: Namibia*; South Africa: Eastern Cape.

yemenensis ethiopicus Richards
Celonites yemenensis ethiopicus Richards, 1962, Revision. Study Masarid Wasps: 217 (key), 228, female –"Ethiopia: Diredawa" (London).
DISTRIBUTION: Ethiopia.

yemenensis yemenensis Giordani Soika
Celonites yemenensis Giordani Soika, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, fig. 1, male, female –"YEMEN: Ta'izz, on road to Mocha, 4100 ft." (holotype male, London).
Celonites yemenensis yemensis[!]; Richards, 1969, J. Nat. Hist. 3: 82.
DISTRIBUTION: Saudi Arabia; Yemen.

zavattarii Giordani Soika
Celonites zavattarii Giordani Soika, 1944, Atti Inst. Ven. Sci. Lett. Art. 103(2): 149, female –"*Etiopia*: Asile" (lectotype female, Venice); also from Caschei.
DISTRIBUTION: Ethiopia.

Genus **Ceramiopsis** Zavattari

Ceramiopsis Zavattari, 1910, Ann. Mus. Civ. Stor. Nat. Genova 44: 531, genus. TYPE SPECIES: *Ceramiopsis gestroi* Zavattari, 1910, by monotypy.

gestroi Zavattari
Ceramiopsis gestroi Zavattari, 1910, Ann. Mus. Civ. Stor. Nat. Genova 44: 533, figs. A, B, female –"Urucú, Corumbà (Matto Grosso)" (Genova).
DISTRIBUTION: Bolivia: Santa Cruz; Brazil: Mato Grosso do Sul; Paraguay: Guairá, Paraguarí, San Pedro; Argentina: Formosa, Santa Fé, Entre Rios.

paraguayensis Bertoni
Ceramiopsis paraguayensis Bertoni, 1921, Rev. Soc. Cient. Paraguay 1: 11, female, male –"Asunción, 'Quinta Caballero'" (San Lorenzo).
DISTRIBUTION: Bolivia: Santa Cruz; Paraguay: Alto Paraguay, Presidente Hayes, Central, Paraguarí; Argentina: Formosa.

Genus **Ceramius** Latreille

Ceramius Latreille, 1810, Consid. Gén. Crust. Arach. Insect.: 329, 438. TYPE SPECIES: *Ceramius fonscolombei* Latreille, 1810, by original designation.
Gnatho Klug, 1810, Mag. Ges. Naturf. Fr. Berl. 4: 32, 36, genus. Non Illiger, 1807 (Coleoptera). TYPE SPECIES: *Gnatho lichtensteinii* Klug, 1810, by monotypy.
Ceramias[!] Westwood, 1840, Introd. Modern Class. Insect. 2: 237.
Ceramus[!] Westwood, 1840, Introd. Modern Class. Insect. 2: 243.
Paraceramius de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III; 1855, Ét. Fam. Vesp. 3: 67, division of genus *Ceramius* Latreille (4 species). TYPE SPECIES: *Ceramius spiricornis* de Saussure, 1854, by subsequent designation of Ashmead, 1902, Can. Entomol. 34: 220.
Ceramioides de Saussure, 1854, Ét. Fam. Vesp. 3: pl. IV no. 1; 1855, Ét. Fam. Vesp. 3: 71, division of genus *Ceramius* Latreille; 1855: 71, division III of genus *Ceramius*. TYPE SPECIES: *Ceramius cercerifor mis* de Saussure, 1854, by monotypy.
Euceramius Dalla Torre, 1904, Genera Insect. 19: 5, name for division I of *Ceramius* Latreille in de Saussure, 1854, Ét. Fam. Vesp. 3: pl. II, 1855, Ét. Fam. Vesp. 3: 62 (3 species). TYPE SPECIES: *Ceramius fonscolombei* Latreille, by subsequent designation of van der Vecht and Carpenter, 1990, Zool. Verh., Leiden 260.

auctus (Fabricius)
Liris aucta Fabricius, 1804, Syst. Piezat.: 229, sex not stated –"in Tangier" (female Copenhagen).
Ceramius spiricornis de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx. *Nomen nudum.*
Ceramius spiricornis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III, fig. 5, male; 1855, Ét. Fam. Vesp. 3: 68 –"L'Europe méridionale, la France, l'Espagne" (Paris).
DISTRIBUTION: Morocco; Algeria.

beaumonti (Giordani Soika)
Paraceramius beaumonti Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37: 168, figs. 1, 3, 5, male, female –"Asni" (holotype male, Venice); also from elsewhere in Morocco.
DISTRIBUTION: Algeria; Morocco.

beyeri Brauns
Ceramius Beyeri Brauns, 1903, Z. Syst. Hym. Dipt. 3(2): 69, female, male –"Willowmore . . . Steytlerville in der Karroo des Caplandes" (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

bicolor (Thunberg)
Philanthus bicolor Thunberg, 1815, Nova Acta Reg. Soc. Sci. Uppsala 7: 127, 131, 289, sex not stated (male, Uppsala).
Ceramius Karrooensis Brauns, 1902, Z. Syst. Hym. Dipt. 2(5–6): 282, female, male –"Willowmore im Capland" (Pretoria).
Ceramius karooensis[!]; Brauns, 1910, Z. Wiss. Insektenbiol. 6(11): 387.
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

bischoffi Richards
Ceramius bischoffi Richards, 1963, Zool. Meded. 38: 216, fig. 2, male, female –"Spain: Tornavacas, prov. Cáceres, 1200 m" (holotype male, Leiden); also from elsewhere in Spain.
DISTRIBUTION: Spain.

braunsi Turner
Ceramius braunsi Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 294, fig. 2, male, female –"Olifant's River, between Citrusdal and Clanwilliam" (holotype male, Cape Town).
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

brevitarsis Gess
Ceramius brevitarsis Gess, 1997, J. Hym. Res. 6: 36, 37, female, male –"Cape Province: Namaqualand, Richtersveld N[ational] Park, bet[ween] hills (28.10S, 17.02E), NW Koeroegabvlakte" (holotype female, Grahamstown).
DISTRIBUTION: South Africa: Northern Cape.

bureschi Atanassov
Ceramius bureschi Atanassov, 1938, Mitt. K. Naturwiss. Inst. Sofia 11: 114, figs. 1, 2a, 3a, 4a, 5a, 6a, male –"Bulgarien, im Park des Palais Wrana bei Sofia" (Sofia).
Ceramius bureschi lycaonius Blüthgen, 1952, Mitt. Münch. Entomol. Ges. 42: 18, male, female –"Attika" (holotype male, Berlin).
DISTRIBUTION: Bulgaria; Greece; Turkey.

caffer de Saussure
Ceramius caffer de Saussure, 1855, Ét. Fam. Vesp. 3: 76, female –"Cap de Bonne-Espérance" (Torino).
Ceramius consobrinus de Saussure, 1855, Ét. Fam. Vesp. 3: 77, female –"Cap de Bonne-Espérance" (Torino).
DISTRIBUTION: South Africa: Western Cape.

capensis de Saussure
Ceramius capensis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III, figs. 3–3a, female; 1855, Ét. Fam. Vesp. 3: 66 –"Cap de Bonne-Espérance" (Turin?).
DISTRIBUTION: South Africa: Western Cape.

capicola Brauns
Ceramius capicola Brauns, 1902, Z. Syst. Hym. Dipt. 2(5): 278, female, male –"Willowmore" ["Hier"] (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape, Free State.

caucasicus André
Ceramius Caucasicus André, 1884, Spec. Hym. Europe Algérie II: 820, male –"Caucase" (Paris?).
DISTRIBUTION: Iran; Armenia; Turkey.

cerceriformis de Saussure
Ceramius cerceriformis de Saussure, 1853, Ann. Soc. Entomol. France (3), Bull. II:

xxi, male –"Cap de Bonne-Espérance" (Torino).
Ceramius vespiformis de Saussure, 1855, Ét. Fam. Vesp. 3: 79, female –"Cap de Bonne-Espérance" (Torino).
Ceramius Schulthessi Brauns, 1902, Z. Syst. Hym. Dipt. 2 (3): 182, female –"Willowmore, Capland" (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

clypeatus Richards
Ceramius clypeatus Richards, 1962, Revision. Study Masarid Wasps: 83, 88 (key), 99, male –"Clan William" (Pretoria).
DISTRIBUTION: South Africa: Western Cape.

damarinus Turner
Ceramius damarinus Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 292 (key), 293, male, female –"Ongandjera, S.W. Africa . . . Kamanyab" (holotype male, Cape Town).
DISTRIBUTION: Namibia.

fonscolombei fonscolombei Latreille
Ceramius fonscolombei Latreille, 1810, Consid. Gén. Crust. Arach. Insect.: 438, sex not stated [male] –"aux environs d'Aix" [p. 329] (Paris).
DISTRIBUTION: France; Spain; Portugal.

fonscolombei oraniensis Lepeletier
Ceramius Oraniensis Lepeletier, 1841, Hist. Nat. Insect. Hym. 2: 591, female, male –"Oran" (Paris).
Ceramius Doursii André, 1884, Spec. Hym. Europe Algérie II: 818, female, male –"Algérie" (type depository unknown).
DISTRIBUTION: Morocco; Algeria.

gessi Mauss
Ceramius maroccanus gessi Mauss, 1998, Beitr. Hym.-Tag. Stuttgart (2–4.10.1998): 18. *Nomen nudum.*
Ceramius gessi Mauss, 1999, Entomol. Scand. 30: 323, 331 (key), 340, figs. 1c, 2c, 3c, 3f, i, 4c, 4g, 4j, 5d–f, 7b, 8c, 9c, 10–11, female, male –"Morocco, 10 km W Tiznit, 29°43′N 09°50′W" (holotype male, BOL); also from elsewhere in Morocco.
DISTRIBUTION: Morocco.

hispanicus Dusmet
Ceramius hispanicus Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 179, 180, female, male –"Madrid! y Montarco! (en Madrid). –Jaramiel! (en Valladolid)" (Madrid).
DISTRIBUTION: Spain.

jacoti Richards
Ceramius nigripennis de Saussure; Brauns, 1913, Entomol. Mitt., Berlin 2: 201, pl. 2, fig. 3, male. Misidentification.
Ceramius jacoti Richards, 1962, Revision. Study Masarid Wasps: 83, 89 (key), 101, male, female –"Cape Province: Ladismith" (holotype male, London); also from Montagu.
DISTRIBUTION: South Africa: Western Cape.

lichtensteinii (Klug)
Gnatho Lichtensteinii Klug, 1810, Mag. Ges. Naturf. Fr. Berlin 4: 38, pl. 1 figs. 3, e, f, female –"Cap" (Berlin?).
Ceramius macrocephalus de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III figs. 2, 2a, 2c, female; 1855, Ét. Fam. Vesp. 3: 76 –"Cap de Bonne-Espérance" (Paris).
Ceramius rufomaculatus Cameron, 1906, Trans. South African Philos. Soc. 16(4): 325, female –"Pearston, Cape Colony" (London).
DISTRIBUTION: Namibia?; South Africa: Northern Cape, Western Cape, Eastern Cape, Free State.

linearis Klug
Ceramius linearis Klug, 1824, Entomol. Monogr.: 227, male –"Prom. bonae spei, Distr. Vitenhagen" (Berlin).
Ceramius fumipennis Brauns, 1902, Z. Syst. Hym. Dipt. 2(5): 275, female, male –"Karroosteppe und . . . Port Elizabeth nahe der Küste" (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

lusitanicus Klug
Ceramius lusitanicus Klug, 1824, Entomol. Monogr.: 223, 230, sex not stated –"Lusitania" (Berlin).
Ceramius lusitanicus var. *luteo-clypeata* Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 179, 180, male –"Montarco! (en Madrid)" (Madrid).
DISTRIBUTION: Spain; Portugal; Gibraltar.

maroccanus (Giordani Soika)
Paraceramius maroccanus Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37:

170, figs. 6, 8, 11–12, female, male –"Mogador" (holotype male, Venice); also from elsewhere in Morocco.
DISTRIBUTION: Morocco.

metanotalis Richards
Ceramius metanotalis Richards, 1962, Revision. Study Masarid Wasps: 83, 86 (key), 106, fig. 114, female –"Cape Province: Calvinia" (London); also from Nieuwoudtville.
DISTRIBUTION: South Africa: Northern Cape, Western Cape.

micheneri Gess
Ceramius micheneri Gess, 1968, Novos Taxa Entomol. 57: 3, figs. 1–6, male, female –"Cape Province: Citrusdal" (holotype male, Cape Town); also from Olifants River between Klawer and Clanwilliam.
DISTRIBUTION: South Africa: Western Cape.

montanus Gusenleitner
Ceramius montanus Gusenleitner, 1990, Linz. Biol. Beitr. 22(2): 565, 567, fig. 2, male, female –"Marokko, Hoher Atlas, Oukaimeden, 2600–2800 m" (Linz); also from elsewhere in Morocco.
DISTRIBUTION: Morocco.

nigripennis de Saussure
Ceramius nigripennis de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III figs. 4, 4c, female; 1855, Ét. Fam. Vesp. 3: 69 –"Cap de Bonne-Espérance" (Torino).
Ceramius hessei Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 296, fig. 1, male, female –"Kamieskroon, Namaqualand" (holotype male, Cape Town).
DISTRIBUTION: South Africa: Northern Cape, Western Cape.

palaestinensis (Giordani Soika)
Paraceramius palaestinensis Giordani Soika, 1957, Bull. Soc. Sci. Nat. Phys. Maroc 37: 172, female –"Palestine: Ein Geb" (Venice).
Ceramius palestinensis[!]; Yildirim and Özbek, 1997, Atatürk. Ü. Zir. Fak. Der. 28 (2): 225; Yildirim and Kojima, 1999, Nat. Hist. Bull. Ibaraki Univ. 3: 20.
DISTRIBUTION: Israel; Syria; Turkey.

peringueyi Brauns
Ceramius Péringueyi Brauns, 1913, Entomol. Mitt., Berlin 2: 194, female –"in der Nähe der Capstadt" (Pretoria).
DISTRIBUTION: South Africa: Western Cape.

rex de Saussure
Ceramius rex de Saussure, 1855, Ét. Fam. Vesp. 3: 75, female –"Cap de Bonne-Espérance" (Turin?).
DISTRIBUTION: South Africa: Western Cape, Northern Cape.

richardsi Gess
Ceramius peringueyi Brauns; Richards, 1962, Revision. Stud. Masarid. Wasps: 100, male. Misidentification.
Ceramius richardsi Gess, 1965, Ann. S. Afr. Mus. 48: 219, 221, male, female –"Cape Province: Clanwilliam" (holotype male, Pretoria); also from Paleisheuwel.
DISTRIBUTION: South Africa: Western Cape.

rubripes Gusenleitner
Ceramius maroccanus rubripes Gusenleitner, 1990, Linz. Biol. Beitr. 22(2): 565, 566, female –"Marokko, Anezal, Col de Tizin Bachoom, 1500 m, 7°3W 30°7N" (coll. H. Tussac); also from elsewhere in Morocco.
DISTRIBUTION: Morocco.

socius Turner
Ceramius socius Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 291 (key), 297, male, female –"Worcester, Cape Province" (holotype male, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape.

toriger von Schulthess
Ceramius toriger von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 383, female –"South Africa, Cape Colony . . . St. Rhynspass" (London); also from elsewhere in Northern Cape.
DISTRIBUTION: South Africa: Northern Cape.

tuberculifer de Saussure
Ceramius tuberculifer de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx. *Nomen nudum.*
Ceramius tuberculifer de Saussure, 1854, Ét. Fam. Vesp. 3: pl. III fig. 6, male; 1855, Ét. Fam. Vesp. 3: 69, as a synonym of *lusitanicus* Klug –"L'Espagne, le midi de la France" (Paris).
Ceramius lusitanicus Klug; de Saussure, 1855, Ét. Fam. Vesp. 3: 69, male, female (in part). Misidentification.
DISTRIBUTION: France; Spain.

vechti Richards
Ceramius vechti Richards, 1963, Zool. Med-ed. 38: 213, fig. 1, male, female –"Spain: Tornavacas, prov. Cáceres, 1200 m" (holotype male, Leiden); also from elsewhere in Spain.
DISTRIBUTION: Spain.

Genus **Jugurtia** de Saussure

Jugurtia de Saussure, July 1854, Ét. Fam. Vesp. 3: 19, 37, 42–44, generic and specific characters of *J. numidica* and *J. oraniensis*; pl. I fig. 4, antenna of *J. oraniensis*; genus. TYPE SPECIES: *Celonites oraniensis* Lepeletier, 1841, by subsequent designation of Ashmead, 1902, Can. Entomol. 34: 220.
Jugurthia[!] André, 1886, Spec. Hym. Europe Algérie II, Cat. Méthod. Syn.: 47.
Jugurthia Dalla Torre, 1894, Cat. Hym. 9: 5; E. Saunders, 1905, Trans. Entomol. Soc. London: 399. Unnecessary emendation of *Jugurtia* de Saussure, 1854.
Jujurtha[!] Ashmead, 1902, Can. Entomol. 34: 220.
Masariella Brauns, 1905, Ann. Mus. Natl. Hung. 3: 223, genus. TYPE SPECIES: *Masariella alfkeni* du Buysson, 1904, by monotypy.
Ceramiellus von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 401, genus. TYPE SPECIES: *Ceramiellus braunsi* von Schulthess, 1922, by monotypy.
Juguartia[!] Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 68.

alfkeni (du Buysson)
Masaris alfkeni du Buysson, 1904, Bull. Soc. Entomol. France: 144, female –"Damara land, Swakopmund" (Bremen).
DISTRIBUTION: Namibia.

algerica (von Schulthess)
Masariella? algerica von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 501, fig. 2, female –"*Algeria occidentalis,* Ain Sefra, . . . Ain Fezza" (Zürich).
DISTRIBUTION: Morocco; Algeria; Libya.

biskrensis Bequaert
Jugurtia biskrensis Bequaert, 1937, Bull. Ann. Soc. Entomol. Belg. 68: 343, 345 (key), 358, fig. 5A–F, female, male –"Algérie. –Biskra" (holotype female, Cambridge).
DISTRIBUTION: Morocco; Algeria.

braunsi (von Schulthess)
Ceramiellus braunsi von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 402, 2 figs., female, male –"Südwestafrika: Groß- und Klein-Namaland, Grootfontein . . . Steinkopf" (Berlin).
DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

braunsiella (von Schulthess)
Masaris braunsiella von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 326, fig. 1, male –"Cape Province, Matjesfontein" (London).
DISTRIBUTION: Namibia; South Africa: Northern Cape, Western Cape, Eastern Cape.

calcarata Richards
Jugurtia calcarata Richards, 1962, Revision. Study Masarid Wasps: 251 (key), 260, male, female –"S. Africa, Cape Province: Worcester" (holotype male, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape.

codoni Gess
Jugurtia codoni Gess, 1997, J. Hym. Res. 6: 36, 53, female, male –"Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown); also from three other localities in Richtersveld.
DISTRIBUTION: South Africa: Northern Cape.

confusa Richards
Jugurtia confusa Richards, 1962, Revision. Study Masarid Wasps: 249, 251 (key), 258, figs. 213–215, 218, 220–221, female, male –"S. Africa: Cape Province, Willowmore" (holotype male, London).
DISTRIBUTION: South Africa: Eastern Cape.

discrepans (Brauns)
Masaris discrepans Brauns, 1913, Entomol. Mitt., Berlin 2: 203, pl. II fig. 9, female, male –"Worcester im Süden der Kapkolonie . . . und bei Oudtshoorn (Kapland)" (Pretoria).
DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

dispar (Dufour)
Celonites dispar Dufour, 1851, Ann. Soc. Entomol. France (2) 9: 58, 59, pl. 3 figs. 1–8, female, male –"environs de Madrid" (Paris?).
DISTRIBUTION: Spain; Portugal; Gibraltar.

duplicata Richards
Jugurtia duplicata Richards, 1962, Revision. Study Masarid Wasps: 249, 254 (key), 263, male –"Cape Province: Van Rhynsdorp" (Pretoria).
DISTRIBUTION: South Africa: Western Cape.

eburnea (Turner)
Masariella turneri eburnea Turner, 1935, Ann. Mag. Nat. Hist. (10) 15: 299, fig. 3, female, male –"Kamieskroon, Namaqualand" (holotype male, Cape Town).
Jugurtia polita Richards, 1962, Revision. Study Masarid Wasps: 251 (key), 256, female, male –"S. Africa, Cape Province: Calvinia" (holotype male, London); also from elsewhere in Cape Province.
DISTRIBUTION: South Africa: Northern Cape.

escalerae Meade-Waldo
Jugurtia escalerae Meade-Waldo, 1910, Ann. Mag. Nat. Hist. (8) 5: 33, female –"S.W. Persia" (London).
DISTRIBUTION: Turkey; Iran.

eurycara Kostylev
Jugurtia eurycara Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 97, figs. 6–7, male, female –"Caucasus, Armen." (St. Petersburg); also from Erivanj [Yerevan].
DISTRIBUTION: Turkey; Iran; Armenia.

irana Kostylev
Jugurtia irana Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 99, female, male –"Via Karvandar-Bampur, S.-O. Persien . . . Tshanshen-Sadk, Bampur, S.-O. Perasien . . . Kuusha-Larumba, Bampur, S.-O. Persien . . . Kurljut-Langer, Chorasan, O. Persien" (St. Petersburg).
DISTRIBUTION: Iran.

jemenensis Kostylev
Jugurtia jemenensis Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 94 (key), 99, female –"Jemen, Sanaa" (Moscow).
Jugurtia hoggarica Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 20, male –"Hoggar, Atakor, Guelta Afilale" (Venice).
Jugurtia jemenesis[!]; Richards, 1962, Revision. Study Masarid Wasps: 265.
DISTRIBUTION: Algeria; Israel; Saudi Arabia; Yemen; Oman; United Arab Emirates.

koeroegabensis Gess
Jugurtia koeroegabensis Gess, 1997, J. Hym. Res. 6: 36, 55, female, male –"Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown); also from one other locality in Richtersveld.
DISTRIBUTION: South Africa: Northern Cape.

nadigorum Bequaert
Jugurtia nadigorum Bequaert, 1937, Bull. Ann. Soc. Entomol. Belg. 68: 343, 344 (key), 347, fig. 2A–F, female, male –"Maroc. –Marrakech" (holotype female, Cambridge); also from one other locality.
DISTRIBUTION: Morocco.

oraniensis (Lepeletier)
Celonites Oraniensis Lepeletier, 1841, Hist. Nat. Insect. Hym. 2: 586, female, male –"Oran" (Paris?).
Jugurtia numidica de Saussure, 1854, Ét. Fam. Vesp. 3: pl. V fig. 3, male; 1855, Ét. Fam. Vesp. 3: 85 –"L'Algérie" (Paris).
Jugurtia numida[!]; de Saussure, 1855, Ét. Fam. Vesp. 3: 85.
DISTRIBUTION: Morocco; Algeria; Tunisia.

saussurei (Brauns)
Masaris Saussurei Brauns, 1905, Ann. Mus. Natl. Hung. 3: 219, female, male –"Terra Capensis: Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

simpsoni Meade-Waldo
Jugurtia simpsoni Meade Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 448, female –"Patchari . . . N'jau" (London).
Masariella? testaceopicta von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 502, fig. 3, female –"N. Nigeria, Zungeru" (London).
DISTRIBUTION: Gambia; Senegal; Burkina Faso; Nigeria.

spinolae (de Saussure)
Masaris spinolae de Saussure, 1855, Ét. Fam. Vesp. 3: 95, female –"Cap de Bonne-Espérance" (Torino).

Jugurtia spinolai[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 92.
Jugurtia spirolai[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 100.
DISTRIBUTION: South Africa: Western Cape.

tigrina Gess
Jugurtia tigrina Gess, 1997, J. Hym. Res. 6: 36, 50, figs. 1–6, female, male –"Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve" (holotype female, Grahamstown); also from five other localities in Northern Cape.
DISTRIBUTION: South Africa: Northern Cape.

turneri (von Schulthess)
Masariella? turneri von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 499 (key), 500, fig. 1, female –"Cape Province, Little Carroo, 38 m. E. of Ceres" (London).
DISTRIBUTION: South Africa: Western Cape.

zarudnyi Kostylev
Jugurtia zarudnyi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 93 (key), 94, figs. 4–5, male, female –"Chorasan . . . Kermän, Prov. Mokran" (St. Petersburg).
DISTRIBUTION: Iran.

Genus *Masarina* Richards

Masarina Richards, 1962, Revision. Study Masarid Wasps: vii, 213, 268, genus. TYPE SPECIES: *Masarina familiaris* Richards, 1962, by original designation.

ceres Gess
Masarina ceres Gess, 1997, J. Hym. Res. 6: 36, 60, male, figs. 23–24 –"Cape Province: 17 km N of Ceres, near top of Gydo Pass" (Grahamstown).
DISTRIBUTION: South Africa: Western Cape.

familiaris Richards
Masariella spinolae (de Saussure); Bequaert, 1928, Ann. Mag. Nat. Hist. (10) 2: 187. Misidentification.
Masarina familiaris Richards, 1962, Revision. Study Masarid Wasps: 268, 270, figs. 225–231, male, female –"Cape Province: Camps Bay" (holotype male, London); also from elsewhere in Cape Province.
Masarina communis; Richards, 1962, Revision. Study Masarid Wasps: 269. *Lapsus calami.*
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Eastern Cape.

hyalinipennis Richards
Masarina hyalinipennis Richards, 1962, Revision. Study Masarid Wasps: 268, male – "Cape Province: van Rhynsdorp" (Pretoria).
DISTRIBUTION: South Africa: Northern Cape, Western Cape.

mixta Richards
Masarina mixta Richards, 1962, Revision. Study Masarid Wasps: 268 (key), 271, female –"S. Africa, Cape Province: Nieuwoudtville" (London).
DISTRIBUTION: South Africa: Northern Cape, Western Cape.

mixtoides Gess
Masarina mixtoides Gess, 1997, J. Hym. Res. 6: 36, 61, female, male, fig. 32 – "Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown); also from two other localities in Richtersveld.
DISTRIBUTION: South Africa: Northern Cape.

namaqua Gess
Masarina namaqua Gess, 1997, J. Hym. Res. 6: 36, 65, female, male, figs. 25–27, 33 – "Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve" (holotype female, Grahamstown); also from three other localities in Namaqualand.
DISTRIBUTION: South Africa: Northern Cape.

parvula Gess
Masarina parvula Gess, 1997, J. Hym. Res. 6: 36, 65, female, male, figs. 28–30, 34 – "Cape Province: Namaqualand, Springbok, Hester Malan [now Goegap] Nature Reserve" (holotype female, Grahamstown); also from two other localities in Namaqualand.
DISTRIBUTION: South Africa: Northern Cape.

peliostomi Gess
Masarina peliostomi Gess, 1997, J. Hym. Res. 6: 36, 67, female, male, figs. 35–39 – "Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

strucki Gess

Masarina strucki Gess, 1988, Ann. Cape Prov. Mus. (Nat. Hist.) 16: 351, 352, female –"[Cape Province:] Namaqualand, [Springbok]" (Grahamstown).

DISTRIBUTION: South Africa: Northern Cape; Western Cape.

tylecodoni Gess

Masarina tylecodoni Gess, 1997, J. Hym. Res. 6: 36, 69, female, male, figs. 40–43 –"Cape Province: Namaqualand, Richtersveld National Park, Koeroegabvlakte (28.11S, 17.03E)" (holotype female, Grahamstown).

DISTRIBUTION: South Africa: Northern Cape.

Genus **Masaris** Fabricius

Masaris Fabricius, 1793, Entomol. Syst. II: vi, 283, 284, genus (2 species). TYPE SPECIES: *Masaris vespiformis* Fabricius, 1793, by subsequent monotypy; Latreille, 1802, Hist. Nat. Crust. Insect. 3: 368, placed the second species in a new genus, *Celonites*.

Massaris Billberg, 1820, Enum. Insect.: 109. Unnecessary emendation of *Masaris* Fabricius.

Mazaris Schulz, 1911, Zool. Ann. Würzburg 4: 199. Unnecessary emendation of *Masaris* Fabricius.

Saryara Kuznetzov, 1923, J. Turkestan Branch Russ. Geograph. Soc. 16: 127, genus (2 species). TYPE SPECIES: *Saryara longicornis* Kuznetzov, 1923, by subsequent designation of van der Vecht and Carpenter, 1990, Zool. Verh., Leiden 260.

aegyptiacus aegyptiacus Meade-Waldo

Masaris vespiformis aegyptiacus Meade-Waldo, 1911, Ann. Mag. Nat. Hist. (8) 8: 447, fig. 2, male –"Cairo, Egypt" (London).

DISTRIBUTION: Egypt; Israel; Jordan.

aegyptiacus arabicus Giordani Soika

Masaris vespiformis arabicus Giordani Soika, 1957, Brit. Mus. Exped. S.-W. Arabia 1(31): 472, female –"SAUDI ARABIA: Jebel Shammar Province, Hâil district" (London).

DISTRIBUTION: Saudi Arabia.

carli von Schulthess

Masaris saussurei Carl, 1921, Rev. Suisse Zool. 28: 41, male, female –"Zarawchan; . . . Sutkend. Turkestan" (Geneva). Non Brauns, 1905.

Masaris carli von Schulthess, 1922, Deutsch. Entomol. Z. 1922: 404, replacement name for *saussurei* Carl.

Masaris smirnovi Kostylev, 1925, Entomol. Mitt. 14: 150 (key), 152, fig. 2, male – "Perovsk (Turkestan, Syr-Darjja-Gebiet)" (Moscow).

DISTRIBUTION: Iran; Kazahkstan; Uzbekistan.

gussakovskii Kostylev

Masaris gussakovskii Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 87, 89, fig. 2, female –"Turkestan, distr. Chodzhent" (coll. Gussakovskii, St. Petersburg); also from Konstantinovsk.

DISTRIBUTION: Uzbekistan.

longicornis (Kuznetzov)

Saryara longicornis Kuznetzov, 1923, J. Turkestan Branch Russ. Geogr. Soc. 16: 127, male –"Montes Ac-Tasch. Alt. 8000'" (St. Petersburg).

DISTRIBUTION: Afghanistan; Uzbekistan; Kyrgyzstan.

tianshanicus Panfilov

Masaris tianshanicus Panfilov, 1968, Arch. Zool. Mus. Moscow State Univ. 11: 38, fig. 2, female –"Тянь-Шань: южное побережье оз. Иссык-Куль, Малый Джаргылчак (около Актерека), сухие хомы со степной растительностью"[Tian Shan: south bank of Issyk-Kul' lake, Smaller Dzhargylchak (near Akterek), dry hills with steppe vegetation] (Moscow).

DISTRIBUTION: Kyrgyzstan.

vespiformis Fabricius

Masaris vespiformis Fabricius, 1793, Entomol. Syst. 2: 283, sex not stated –"in Barbariae floribus" (Copenhagen).

Erynnis romandi de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xix, male –"Barbaria et Ægypta" (Paris).

Ceramius hylaeiformis Dalla Torre, 1894, Cat. Hym. 9: 4, as a synonym of *vespiformis*, attributed to Klug.

DISTRIBUTION: Morocco; Algeria; Egypt.

Genus **Pseudomasaris** Ashmead

Pseudomasaris Ashmead, 1902, Can. Entomol. 34: 221, genus. TYPE SPECIES: *Masaris occidentalis* Cresson, 1871, by original designation.

Toryna Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 407, 411, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris vespoides* Cresson, 1863, by original designation and monotypy.

Holopticus Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 408, 414, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris texanus* Cresson, 1871, by original designation.

Cotyledon Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 408, 430, subgenus of *Pseudomasaris* Ashmead. TYPE SPECIES: *Masaris edwardsii* Cresson, 1872, by original designation.

basirufus Rohwer

Pseudomasaris zonalis basirufus Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 452, female –"Death Valley, California" (Washington).

Pseudomasaris bariscipus Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 409 (key), 418, figs. 77, 85, male –"ARIZONA: Quartzite" (Philadelphia).

Pseudomasaris bariscapus[!]; Bequaert, 1940, Bull. Brooklyn Entomol. Soc. 35: 38.

DISTRIBUTION: USA: California, Nevada, Arizona.

cazieri Bohart

Pseudomasaris cazieri Bohart, 1963, *in* Richards, Univ. Calif. Publ. Entomol. 27: 289 (key), 290, male –"Palos Colorados, Durango, Mexico, 8,000 feet elevation" (New York).

DISTRIBUTION: Mexico: Durango, Chihuahua.

coquilletti Rohwer

Pseudomasaris coquilletti Rohwer, 1911, Proc. U.S. Natl. Mus. 40: 555, female, male –"Los Angeles County, California" (holotype female, Washington).

DISTRIBUTION: USA: Oregon, California, Utah, Arizona.

edwardsii (Cresson)

Masaris edwardsii Cresson, 1872, Trans. Am. Entomol. Soc. 4: 87, female, male – "California" (Philadelphia).

DISTRIBUTION: USA: Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California, Arizona; Mexico: Baja California Norte.

macneilli Bohart

Pseudomasaris macneilli Bohart, 1963, *in* Richards, Univ. Calif. Publ. Entomol. 27: 285 (key), 291, male, female –"Near Sonora Peak (above Sonora Pass), Tuolumne County, California, 11,000 feet elevation" (holotype male, San Francisco); also from elsewhere in California, and Utah.

DISTRIBUTION: USA: California, Utah.

macswaini Bohart

Pseudomasaris macswaini Bohart, 1963, *in* Richards, Univ. Calif. Publ. Entomol. 27: 286 (key), 301, male, female –"Andreas Canyon, Riverside County, California" (holotype male, Davis); also from other localities in California.

DISTRIBUTION: USA: California; Mexico*: Baja California Norte.

maculifrons (Fox)

Masaris maculifrons Fox, 1894, Proc. Calif. Acad. Sci. (2) 4: 12, female –"El Paraiso, L. Cal." (San Francisco).

Pseudomasaris albifrons Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 451, male – "New Mexico . . . Las Cruces" (Washington).

Pseudomasaris zonalis neomexicanus Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 452, female –"Aztec, New Mexico" (Washington).

Pseudomasaris rohweri Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 409 (key), 417, male (in subgenus *Holopticus*) –"ARIZONA: Quartzite" (Philadelphia); also from Phoenix.

DISTRIBUTION: USA: California, Nevada, Utah, Arizona, New Mexico; Mexico: Sonora, Baja California Norte.

marginalis (Cresson)

Masaris marginalis Cresson, 1864, Proc. Entomol. Soc. Philadelphia 3: 677, female – "Rocky Mountains, Colorado Territory" (Philadelphia).

DISTRIBUTION: Canada: British Columbia, Alberta.; USA: Washington, Idaho, Wyoming, Colorado, Nevada, Utah, California, Arizona, New Mexico.

micheneri Bohart
Pseudomasaris micheneri Bohart, 1963, *in* Richards, Univ. Calif. Publ. Entomol. 27: 284, figs. 1, 14, 21, 286–287 (key), 298, male, female –"Westgard Pass, Inyo County, California, 6,000 feet elevation" (holotype male, Davis); also from elsewhere in California.
DISTRIBUTION: USA: California, Nevada.

occidentalis (Cresson)
Masaris occidentalis Cresson, 1871, Trans. Am. Entomol. Soc. 3: 348, female –"Texas" (Philadelphia).
DISTRIBUTION: USA: Kansas, Texas, New Mexico.

phaceliae Rohwer
Pseudomasaris phaceliae Rohwer, 1912, Proc. U.S. Natl. Mus. 41: 450, male, female –"New Mexico, Albuquerque" (holotype male, Washington); also from Mesilla and Filmore Canyon.
DISTRIBUTION: USA: Texas, New Mexico, Arizona.

texanus (Cresson)
Masaris texanus Cresson, 1871, Trans. Am. Entomol. Soc. 3: 348, male, female –"Texas" (Philadelphia).
DISTRIBUTION: USA: Texas.

vespoides (Cresson)
Masaris vespoides Cresson, 1863, Proc. Entomol. Soc. Philadelphia 2: 69, pl. 4, male, female –"Pike's Peak" (Philadelphia).
Pseudomasaris vespoides robertsoni Cockerell, 1913, Proc. Entomol. Soc. Wash. 15: 107, female –"Redlands, California" (Washington).
DISTRIBUTION: USA: Nebraska, South Dakota, Montana, Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California, Arizona, New Mexico; Mexico: Baja California Norte.

wheeleri Bequaert
Pseudomasaris wheeleri Bequaert, 1929, Psyche 36: 61, fig. 1, male, female –"CALIFORNIA . . . Palm Springs, Riverside Co." (holotype male, Cambridge).
DISTRIBUTION: USA: California; Mexico: Baja California Norte.

zonalis (Cresson)
Masaris zonalis Cresson, 1864, Proc. Entomol. Soc. Philadelphia 3: 674, female, male –"Rocky Mountains, Colorado Territory" (Philadelphia).
Pseudomasaris zonalis albopictus Bohart, 1950, Proc. Biol. Soc. Wash. 63: 78, male, female –"Jenny Lake, Grand Teton National Park, Wyoming" (holotype male, San Francisco); also from five other localities in Idaho, Oregon and Washington.
DISTRIBUTION: Canada: British Columbia; USA: Nebraska, Montana, Washington, Oregon, Idaho, Wyoming, Colorado, Utah, Nevada, California.

Genus **Quartinia** André

Quartinia "GRIBODO, in litteris" André, 1884, Spec. Hym. Europe Algérie II: 811, 822, genus. TYPE SPECIES: *Quartinia dilecta* André, by monotypy.
Juartinia[!] Cameron, 1904, Z. Syst. Hym. Dipt. 4: 89.
Quartiniella von Schulthess, 1929, Ann. Mag. Nat. Hist. 10(3): 504, 510, genus. TYPE SPECIES: *Quartiniella waterstoni* von Schulthess, 1929, by monotypy.
Quartinioides Richards, 1962, Revision. Study Masarid Wasps: 127, 170, genus. TYPE SPECIES: *Quartinia capensis* Kohl, 1898, by original designation.

affinis Richards
Quartinia affinis Richards, 1962, Revision. Study Masarid Wasps: 131 (key), 143, female –"Algeria: Sidi Farouch" (London).
DISTRIBUTION: Algeria.

albopicta (Richards), NEW COMBINATION
Quartinoides[!] *albopicta* Richards, 1982, Boll. Mus. Civ. Stor. Nat. Venezia 32: 199, female –"S.W. Africa: Gobabeb, 25°36′S, 15°10′E" (Copenhagen).
DISTRIBUTION: Namibia.

alcestis Richards
Quartinia alcestis Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 164, female, male –"Cape Province: Worcester" (holotype female, London).
DISTRIBUTION: South Africa: Western Cape.

andromeda (Richards), NEW COMBINATION
Quartinioides andromeda Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 182, female –"Cape Province:

Prince Albert Road" (London); also from Matjesfontein.
DISTRIBUTION: South Africa: Western Cape.

antennata von Schulthess
Quartinia antennata von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 385 (key), 388, fig., male –"South Africa, Cape Colony, Worcester" (London).
DISTRIBUTION: South Africa: Western Cape.

antigone (Richards), NEW COMBINATION
Quartinioides antigone Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 190, figs. 157–161, female, male –"Cape Province: Matjesfontein" (holotype male, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape.

araxana Giordani Soika
Quartinia araxana Giordani Soika, 1960, Boll. Soc. Entomol. Ital. 90: 133, female, male –"*Caucaso:* Araxesthal" (lectotype female, Venice).
DISTRIBUTION: Armenia; Turkey; Iran.

arsinoe (Richards), NEW COMBINATION
Quartinioides arsinoe Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 182, female –"S.W. Africa: Aus" (London); also from South Africa.
DISTRIBUTION: Namibia; South Africa: Western Cape.

artemis Richards
Quartinia artemis Richards, 1962, Revision. Study Masarid Wasps: 128 (key), 156, female –"Cape Province: Calvinia" (London).
DISTRIBUTION: South Africa: Northern Cape.

atra von Schulthess
Quartinia atra von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 505, female –"Cape Province, Montagu" (London).
DISTRIBUTION: South Africa: Western Cape.

atrata Gusenleitner
Quartinia atrata Gusenleitner, 1998, Linz. Biol. Beitr. 30(2): 503, 511, female –"Iran, 15 km SE Sarvestan/Fars, 1800 m" (Linz).
DISTRIBUTION: Iran.

basuto (Richards), NEW COMBINATION
Quartinioides basuto Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 184, female, male –"Basutoland: Mamathes" (holotype male, London).
DISTRIBUTION: Lesotho.

breyeri Richards
Quartinia breyeri Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 157, female, male –"Cape Province: N.E. Zoutp. district" [actually Northern Transvaal] (holotype female, Pretoria).
DISTRIBUTION: South Africa: Northern Transvaal.

canariensis Blüthgen
Quartinia canariensis Blüthgen, 1958, Comment. Biol. 18(6): 6, 11, female –"Fuerteventura: Matural" (Helsinki).
DISTRIBUTION: Spain: Canary Islands: Fuerteventura.

candida Gusenleitner
Quartinia candida Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 147, female –"Israel: 45 km N Elat, Sand tunes [dunes] E Qetura, 29°58′/35°06′" (coll. Schmid-Egger).
DISTRIBUTION: Israel.

capensis Kohl
Quartinia capensis Kohl, 1898, Termesz. Füzetek 21: 365, female, pl. XV fig. 14 –"**Capland** . . . Algoa-Bai" (Vienna).
Quartinia scutellimacula von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 508, male, female –"Cape Province, Mossel Bay" (lectotype female, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

ceres (Richards), NEW COMBINATION
Quartinioides ceres Richards, 1962, Revision. Study Masarid Wasps: 177 (key), 206, female, male –"Cape Province: Little Karroo, 38 m. E. of Ceres" (holotype male, London); also from elsewhere in Cape Province.
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

chlorotica (Morawitz)
Jugurtia chlorotica Morawitz, 1888, Horae Soc. Entomol. Ross. 22: 270, female –"in territorio transcaspico (Tschikischljar)" (St. Petersburg?).
DISTRIBUTION: Turkmenistan.

cincta Benoist
Quartinia cincta Benoist, 1929, Bull. Soc. Sci. Nat. Maroc 9: 93, fig. 2, female, male –"Maroc: Asni, dans la vallée de la Reraya, . . . (altitude, 1.200 m.)" (Paris).
DISTRIBUTION: Morocco.

cressida (Richards), NEW COMBINATION
Quartinioides cressida Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 203, female, male –"Cape Province: Camps Bay, Cape Peninsula" (holotype male, London); also from elsewhere in Cape Province, and Namibia.
DISTRIBUTION: Namibia; South Africa: Northern Cape, Western Cape, Eastern Cape.

cretica Gusenleitner
Quartinia cretica Gusenleitner, 1994, Linz. Biol. Beitr. 26(1): 331, female –"Griechenland: Kreta, Kastro W Ammoudari; 35.18N 24.10E; 1000–1200 m" (Linz); also from elsewhere in Crete.
DISTRIBUTION: Greece: Crete.

cyllene (Richards), NEW COMBINATION
Quartinioides cyllene Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 201, female, male –"Cape Province: 13 miles N.E. of Touws R." (holotype female, London); also from Worcester.
DISTRIBUTION: South Africa: Western Cape.

cynara (Richards), NEW COMBINATION
Quartinioides cynara Richards, 1962, Revision. Study Masarid Wasps: 173, 174 (key), 189, female –"Cape Province: Willowmore" (Pretoria); also from Prince Albert Road.
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

diana (Richards), NEW COMBINATION
Quartinioides diana Richards, 1962, Revision. Study Masarid Wasps: 171 (key), 178, female –"S.W. Africa: Aus" (London).
DISTRIBUTION: Namibia.

dilecta André
Quartinia Dilecta "GRIBODO (in litteris)" André, 1884, Spec. Hym. Europe Algérie II: 824, pl. XLV figs. 3, 7, female, male – "Tunis" (type depository unknown).
DISTRIBUTION: Morocco; Algeria; Tunisia.

dryope (Richards), NEW COMBINATION
Quartinioides dryope Richards, 1962, Revision. Study Masarid Wasps: 173, 175 (key), 196, male –"Cape Province: Willowmore" (London).
DISTRIBUTION: South Africa: Eastern Cape.

elissa (Richards), NEW COMBINATION
Quartinioides elissa Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 204, female, male –"Cape Province . . . Worcester" (holotype male, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape.

eremobia Richards
Quartinia eremobia Richards, 1962, Revision. Study Masarid Wasps: 135 (key), 137, female, male –"Algeria: 80 Km. nord d'El Goléa" (holotype male, Paris); also from Libya: Tripolitania.
DISTRIBUTION: Algeria; Libya.

eurydice (Richards), NEW COMBINATION
Quartinioides eurydice Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 183, female –"Cape Province: Bloukrans, near Calvinia" (London).
DISTRIBUTION: South Africa: Northern Cape.

flava (Richards), NEW COMBINATION
Quartiniella flava Richards, 1962, Revision. Study Masarid Wasps: 208 (key), 210, female, male –"Cape Province: Nieuwoudtville" (holotype female, London).
DISTRIBUTION: South Africa: Northern Cape.

funebris Kostylev
Quartinia funebris Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 103, female, male –"Imam-Baba (Transkaspien)" (St. Petersburg).
DISTRIBUTION: Turkmenistan.

galataea (Richards), NEW COMBINATION
Quartinioides galataea Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 188, female –"Cape Province: Worcester" (London).
DISTRIBUTION: South Africa: Western Cape.

goleana Richards
Quartinia goleana Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 137, female –"Algeria: 80 Km. nord d'El Goléa" (Paris).

DISTRIBUTION: Algeria.

guichardi Richards
Quartinia guichardi Richards, 1969, J. Nat. Hist. 3: 80, female, male –"Canary Is., Gran Canaria, Maspalomas" (holotype male, London).
DISTRIBUTION: Spain: Canary Islands: Gran Canaria.

haemorrhoa Gusenleitner
Quartinia haemorrhoa Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 144, female –"Israel: Dead Sea, En Zeelim, 5 km N Massada, 31°23′/35°20′" (coll. M. Hauser).
DISTRIBUTION: Israel.

halicticeps Giordani Soika
Quartinia halicticeps Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 12, figs. 2–4, female –"Egitto: Gabal Elba (Wadi Abrag)" (Venice, coll. Ministero de Agricoltura).
DISTRIBUTION: Egypt.

hecuba (Richards), NEW COMBINATION
Quartinioides hecuba Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 191, female, male –"Cape Province: Matjesfontein" (holotype male, London); also from Calvinia, and Kwazulu-Natal ("probably this species").
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Kwazulu-Natal.

helena (Richards), NEW COMBINATION
Quartinioides helena Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 187, female –"Cape Province: Cape Town" (Washington).
DISTRIBUTION: South Africa: Western Cape.

helichrysi (Richards), NEW COMBINATION
Quartinioides helichrysi Richards, 1962, Revision. Study Masarid Wasps: 175 (key), 198, female –"Basutoland: Mamalapi Mts." (London).
DISTRIBUTION: Lesotho.

hetaira (Richards), NEW COMBINATION
Quartinioides hetaira Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 200, female, male –"Cape Province: Cape Town" (holotype male, Washington).
DISTRIBUTION: South Africa: Western Cape.

hypatia Richards
Quartinia hypatia Richards, 1962, Revision. Study Masarid Wasps: 130, 132 (key), 160, male –"Cape Province: Calvinia" (London).
DISTRIBUTION: South Africa: Northern Cape.

indica Cameron
Juartinia[!] *indica* Cameron, 1904, Z. Hym. Dipt. 4: 89, male –"Deesa, Western India" (London).
Quartinia maculifrons Dover, 1925 (1924), J. Proc. Asiat. Soc. Bengal (n. ser.) 20(6): 290. Unavailable under Art. 11.5 of the International Code of Zoological Nomenclature.
DISTRIBUTION: India: Gujarat (Deesa).

interrupta Turner
Quartinia interrupta Turner, 1939, Ann. Transvaal Mus. 20: 2, female –"Willowmore, Cape Province" (lectotype, Pretoria).
DISTRIBUTION: Namibia; South Africa: Western Cape, Eastern Cape.

iphigenia (Richards), NEW COMBINATION
Quartinioides iphigenia Richards, 1962, Revision. Study Masarid Wasps: 173, 174, 175 (key), 192, male –"S.W. Africa: Aus" (London).
DISTRIBUTION: Namibia.

jocasta Richards
Quartinia jocasta Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 160, female –"Cape Province: Bloukrans, near Calvinia" (London); also from Calvinia.
DISTRIBUTION: South Africa: Northern Cape.

laeta von Schulthess
Quartinia capensis var. *læta* von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 386 (key), 389, male, female –"Cape Province, Aus" (holotype male, London).
DISTRIBUTION: Namibia.

latona (Richards), NEW COMBINATION
Quartinioides latona Richards, 1962, Revision. Study Masarid Wasps: 175, 177 (key), 207, female –"Cape Province: Prince Albert Road" (London).
DISTRIBUTION: South Africa: Western Cape.

lesnei Benoist
Quartinia Lesnei Benoist, 1929, Bull. Soc. Sci. Nat. Maroc 9: 92, fig. 1, female –"Algérie: Tadmit" (Paris).

DISTRIBUTION: Algeria.

libanica Richards
Quartinia libanica Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 83, male, female –"N. Lebanon: Becharré, 5000 ft." (holotype male, Venice); also from elsewhere in Lebanon, and Cyprus.
DISTRIBUTION: Cyprus; Lebanon.

maerens von Schulthess
Quartinia capensis var. *mærens* von Schulthess, 1935, Ann. Mag. Nat. Hist. (10) 16: 386 (key), 389, female –"Cape Province, Worcester" (London); also from Matjesfontein.
DISTRIBUTION: South Africa: Western Cape.

major Kohl
Quartinia major Kohl, 1898, Termesz. Füzetek 21: 363, pl. XV figs. 8, 21, female – "Oran . . . Auf Calendula" (Vienna).
?*Quartinia kohli* Dusmet, 1917, Mem. R. Soc. Españ. Hist. Nat. 8., Mem. 9: 383, male –"Imi-n-Tanut" (Madrid).
DISTRIBUTION: Morocco; Algeria.

matabele Turner
Quartinia matabele Turner, 1939, Ann. Transvaal Mus. 20: 3, male, female –"Bulawayo, S. Rhodesia" (Pretoria).
DISTRIBUTION: Zimbabwe.

media von Schulthess
Quartinia media von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 506, female –"Cape Province, Montagu" (London).
DISTRIBUTION: South Africa: Western Cape.

medusa Richards
Quartinia medusa Richards, 1962, Revision. Study Masarid Wasps: 135 (key), 159, figs. 152–153, female, male –"S.W. Africa: Aus" (holotype male, London).
DISTRIBUTION: Namibia.

metallescens von Schulthess
Quartinia metallescens von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 505, female –"Cape Province, Queenstown, 3500 feet" (London).
DISTRIBUTION: South Africa: Eastern Cape; Lesotho.

metope (Richards), NEW COMBINATION
Quartinioides metope Richards, 1962, Revision. Study Masarid Wasps: 175, 178 (key), 207, female –"S.W. Africa: Aus" (London).
DISTRIBUTION: Namibia.

minima von Schulthess
Quartinia minima von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 528, female –"Aus" (London).
DISTRIBUTION: Namibia.

minuscula (Turner), NEW COMBINATION
Quartiniella minuscula Turner, 1939, Ann. Transvaal Mus. 20: 3, female –"Willowmore, Cape Province" (Pretoria).
DISTRIBUTION: South Africa: Eastern Cape.

mochii Giordani Soika
Quartinia Mochii Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 10, fig. 1, male –"Egitto: Abu Rawash" (Venice, coll. Mochi).
DISTRIBUTION: Egypt.

mongolica (Morawitz)
Celonites? *mongolicus* Morawitz, 1889, Horae Soc. Entomol. Ross. 23: 166, female, male –"Mongolia merid. Dshin-Tasy" (St. Petersburg).
DISTRIBUTION: Mongolia.

multipicta (Richards), NEW COMBINATION
Quartinioides multipicta Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 202, female, male –"Cape Province: Worcester" (holotype male, London); also from elsewhere in Western Cape.
DISTRIBUTION: South Africa: Western Cape.

nilotica Fischer
Quartinia nilotica Fischer, 1964, Ann. Naturhist. Mus. Wien 67: 611, fig. 1., female –"Khor Musa Pascha S. v. Wadi-Halfa" (Vienna).
DISTRIBUTION: Egypt.

niveopicta von Schulthess
Quartinia niveopicta von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327 (key), 329, female –"Cape Province, Matjestfontein" (London).
DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

nubiana Richards
Quartinia nubiana Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 138, female –"Egypt: Nubian Desert, Ko-

rosko to Abu Hamed" (London); also from elsewhere in Egypt.
DISTRIBUTION: Tunisia; Libya; Egypt; Sudan; Saudi Arabia; United Arab Emirates.

ochraceopicta von Schulthess
Quartinia ochraceopicta von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 527, female –"Aus" (London).
DISTRIBUTION: Namibia.

orientalis Gusenleitner
?"*Quartinia haemorrhoa* (n. sp.) *frontalis* n. ssp." Blüthgen, 1961, Beitr. Naturk. Forsch. S.W.-Deutschl. 19(3): 281, male – "Gondahar." Nomen nudum.
Quartinia orientalis Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 56, fig. 1b, male, female –"Türkei Ürgüp" (holotype male, Linz); also from Afghanistan.
DISTRIBUTION: Turkey; Afghanistan.

paradoxa Brauns
Quartinia paradoxa Brauns, 1905, Ann. Mus. Natl. Hung. 3: 233, male –"Terra Capensis: Willowmore" (Pretoria).
DISTRIBUTION: South Africa: Eastern Cape.

parcepunctata Richards
Quartinia parcepunctata Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 167, female, male –"Cape Town" (holotype female, Washington).
DISTRIBUTION: South Africa: Western Cape.

parvula Dusmet
Quartinia parvula Dusmet, 1909, Act. Mem. Primer Congr. Nat. Españ., Zaragoza, 1908: 183, male, female (Madrid).
DISTRIBUTION: Portugal; Spain.

perone Richards
Quartinia perone Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 166 –"Cape Province: Worcester" (London).
DISTRIBUTION: South Africa: Western Cape.

persephone Richards
Quartinia persephone Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 165, female –"Cape Province: Calvinia" (London).
DISTRIBUTION: South Africa: Northern Cape.

philomela (Richards), NEW COMBINATION
Quartinioides philomela Richards, 1962, Revision. Study Masarid Wasps: 173, 174 (key), 193, female –"Cape Province: Nieuwoudtville" (London).
DISTRIBUTION: South Africa: Northern Cape.

phoebe (Richards), NEW COMBINATION
Quartinioides phoebe Richards, 1962, Revision. Study Masarid Wasps: 172 (key), 181, male –"Cape Province: Cape Town" (Washington).
DISTRIBUTION: South Africa: Western Cape.

pluto Richards
Quartinia pluto Richards, 1962, Revision. Study Masarid Wasps: 133, 134 (key), 166, female –"Cape Province: Worcester" (London).
DISTRIBUTION: South Africa: Western Cape.

poecila von Schulthess
Quartinia poecila von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327, fig. 2, female, male –"Cape Province, Swakopmund" (lectotype male, London).
DISTRIBUTION: Namibia.

popovi Richards
Quartinia popovi Gussakovskii, 1935, Trudy Tadzik. Sect. Acad. Sci. U.S.S.R. (Zool. Parasitol.) 5: 466, fig. 23. Nomen nudum.
Quartinia popovi Richards, 1962, Revision. Study Masarid Wasps: 130 (key), 144, female –"District of Kondara" (Moscow).
DISTRIBUTION: Tajikistan.

propinqua von Schulthess
Quartinia propinqua von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 526, figs. 2–4, male, female –"Aus" (lectotype female, London).
DISTRIBUTION: Namibia; South Africa: Western Cape.

proserpina Richards
Quartinia proserpina Richards, 1962, Revision. Study Masarid Wasps: 133 (key), 161, female –"Cape Province: Nieuwoudtville" (London).
DISTRIBUTION: South Africa: Northern Cape.

punctulata von Schulthess
Quartinia punctulata von Schulthess, 1930, Ann. Mag. Nat. Hist. (10) 5: 327 (key), 329, female –"Cape Province, Matjesfontein" (London).
Quartinia punctulatum[!] Turner, 1939, Ann. Transvaal Mus. 20: 1.

DISTRIBUTION: South Africa: Western Cape.

pusilla Kostylev

Quartinia puslilla[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101. Incorrect original spelling.

Quartinia pusilla Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 103 (key), 104, female –"Krasnovodsk" (St. Petersburg).

DISTRIBUTION: Turkmenistan.

senecionis (Richards), NEW COMBINATION

Quartinioides senecionis Richards, 1962, Revision. Study Masarid Wasps: 176 (key), 205, female, male –"Orange Free State: Thaba Nchu" (holotype male, London); also from Lesotho.

DISTRIBUTION: Lesotho; South Africa: Free State.

separata Gusenleitner

Quartinia separata Gusenleitner, 1997, Linz. Biol. Beitr. 29(1): 137, 146, female, male –"Syria west, 50 km S Homs" (holotype female, BOL); also from elsewhere in Syria; Turkey.

DISTRIBUTION: Syria; Turkey.

shestakovi Kostylev

Quartinia shestakovi Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 102 (key), 105, fig. 8, female, male –"Tartugaj (Syr-Darjja-Geb.)" (St. Petersburg); also from elsewhere in Uzbekistan.

Quartinia schestakovi[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 105. Incorrect original spelling.

DISTRIBUTION: Uzbekistan; Kyrgyzstan.

signata von Schulthess

?*Quartinia variegata* "Brauns" Bradley, 1922, Univ. Calif. Publ. Entomol. 1: 401. Nomen nudum.

"*Quartinia signata,* Brauns, in litt." von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 507, male, female – "Cape Province, Willowmore" (lectotype male, Zürich).

DISTRIBUTION: South Africa: Eastern Cape.

signatifrons Turner

Quartinia signata var. *signatifrons* Turner, 1939, Ann. Transvaal Mus. 20: 2, male, female (Pretoria).

DISTRIBUTION: South Africa: Western Cape, Eastern Cape.

soikai Richards

Quartinia soikai Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 84, female –"Turkey: Steppe hills 70 m. S. of Ankara" (Venice).

Quartinia soika[!]; Gusenleitner, 1985, Nachricht. Bayer. Entomol. 34(4): 110.

DISTRIBUTION: Iran; Turkey; Greece.

striata (Richards), NEW COMBINATION

Quartiniella striata Richards, 1962, Revision. Study Masarid Wasps: 208 (key), 211, female –"Cape Province: Calvinia" (London).

DISTRIBUTION: South Africa: Northern Cape.

syriaca nitens Gusenleitner

Quartinia syriaca nitens Gusenleitner, 1973, Boll. Mus. Civ. Stor. Nat. Venezia 24: 57, male –"*Iran,* Fars, Monti steppici 5 km N di Persepolis" (Venice).

DISTRIBUTION: Iran.

syriaca syriaca Richards

Quartinia syriaca Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 86, female, male –"Syria: near Damascus, Ibn Nefis" (holotype female, Venice); also from other localities in Syria, and Lebanon.

DISTRIBUTION: Lebanon; Syria.

tarsata (Richards), NEW COMBINATION

Quartinioides tarsata Richards, 1962, Revision. Study Masarid Wasps: 173 (key), 185, female, male –"Cape Province: Grahamstown" (holotype female, London).

DISTRIBUTION: South Africa: Eastern Cape.

tenerifina Richards

Quartinia tenerifina Richards, 1969, J. Nat. Hist. 3: 80, fig. 2, female, male –"Canary Is., Tenerife, Los Christianos" (holotype male, London).

DISTRIBUTION: Spain: Canary Islands: Tenerife.

thebaica du Buysson

Quartinia thebaica du Buysson, 1902, Bull. Soc. Entomol. France 1902: 141, female – "Égypte: Louqsor" (coll. Pic).

Quartinia thebica[!]; Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 102.

Quartinia ochracea Giordani Soika, 1939,

Bull. Soc. Fouad 1er Entomol. 1939: 9 (key), 14, female –"Egitto: Wadi Digla" (Venice, coll. Mochi).
Quartinia thabaica[!]; Gusenleitner, 1977, Linz. Biol. Beitr. 9: 152.
DISTRIBUTION: Morocco; Algeria; Libya; Egypt.

titania (Richards), NEW COMBINATION
Quartinioides titania Richards, 1962, Revision. Study Masarid Wasps: 174 (key), 193, female, male –"Cape Province: Cape Town" (holotype male, Washington).
DISTRIBUTION: South Africa: Western Cape.

tricolorata Giordani Soika
Quartinia thebaica du Buysson; Giordani Soika, 1939, Bull. Soc. Fouad 1er Entomol. 39: 13. Misidentification.
Quartinia tricolorata Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 22, female –"Egitto: Gebel Asfar" (lectotype Venice); also from Fayum.
DISTRIBUTION: Egypt.

tripolitana sinaitica Richards
Quartinia tripolitana sinaitica Richards, 1964 (1962), Boll. Mus. Civ. Stor. Nat. 15: 83, male, female –"United Arab Republic, Sinai: Kun Mitla" (Venice).
DISTRIBUTION: Egypt: Sinai.

tripolitana tripolitana Richards
Quartinia tripolitana Richards, 1962, Revision. Study Masarid Wasps: 134 (key), 140, male, female –"Tripolitania: Tripoli" (holotype male, London); also from elsewhere in Libya.
DISTRIBUTION: Libya; Egypt.

tuareg Giordani Soika
Quartinia tuareg Giordani Soika, 1954, Boll. Mus. Civ. Stor. Nat. Venezia 7: 21, male, female –"Guelta Idjef Melène" (lectotype female, Venice); also from elsewhere in Algeria.
DISTRIBUTION: Algeria; Egypt.

turneri (von Schulthess)
Quartiniella turneri von Schulthess, 1932, Ann. Mag. Nat. Hist. (10) 10: 528, fig. 5, male –"Aus" (London).
DISTRIBUTION: Namibia.

uzbeka Kostylev
Quartinia uzbeka Kostylev, 1935, Arch. Mus. Zool. Univ. Moscou 2: 101, 103 (key), 106, male –"Aman-Katan, Umgesb. v. Samarkand, 1.500 m. üb. M." (St. Petersburg).
DISTRIBUTION: Uzbekistan.

vagepunctata von Schulthess
Quartinia vagepunctata von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 507, female –"Cape Province, Little Karroo, 38 m. E. of Ceres" (London).
DISTRIBUTION: South Africa: Northern Cape, Western Cape.

waterstoni (von Schulthess)
Quartiniella waterstoni von Schulthess, 1929, Ann. Mag. Nat. Hist. (10) 3: 504 (key), 510, figs. 4–5, female, male –"Cape Province, Little Karroo, 38 m. E. of Ceres" (holotype female, London).
DISTRIBUTION: South Africa: Northern Cape, Western Cape, Kwazulu-Natal.

Genus **Trimeria** de Saussure

Trimeria de Saussure, 1854, Ét. Fam. Vesp. 3: pl. IV fig. 2; 1855, Ét. Fam. Vesp. 3: 81, genus. TYPE SPECIES: *Erynnis americana* de Saussure, 1853, by monotypy.
Erynnis de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xix, genus (2 species), non *Erynnis* Schrank, 1801 (Lepidoptera). TYPE SPECIES: *Erynnis americana* de Saussure, 1853, by subsequent designation of de Saussure, 1855, Ét. Fam. Vesp. 3: 92.
Eurynnis[!] Dalla Torre, 1894, Cat. Hym. 9: 4.
Microtrimeria Bequaert, 1928, Psyche 35: 191, genus: 191. TYPE SPECIES: *Microtrimeria cockerelli* Bequaert, 1928, by monotypy.
Willinkia Richards, 1962, Revision. Study Masarid Wasps: 119, subgenus of *Trimeria* de Saussure. TYPE SPECIES: "*Trimeria buyssoni* Brèthes, 1904 (as represented in coll. B. M.)," by original designation.

americana (de Saussure)
Masaris vespiformis Fabricius; Romand, 1851, Ann. Soc. Entomol. France (2) 9, Bull.: lii (female not male). Misidentification.
Erynnis americana de Saussure, 1853, Ann. Soc. Entomol. France (3) 1, Bull. II: xx, female –"d'Amérique" (Paris).

DISTRIBUTION: Brazil: Goiás,* Distrito Federal,* São Paulo,* Paraná.*

atacama (Fritz), NEW COMBINATION
Microtrimeria atacama Fritz, 1968, Rev. Chil. Entomol. 6: 69, female, male –"Estación Cachiyuyo, provincia de Atacama, Chile" (holotype female, Santiago).
DISTRIBUTION: Chile: Atacama.

bequaerti Willink
Trimeria bequaerti Willink, 1951, Rev. Soc. Cient. Argentina 15: 78, figs. 1–6, female –"Amaicha del Valle, provincia de Tucumán (2.000 ms, s.n.m.)" (Tucumán); also from Salta.
DISTRIBUTION: Bolivia; Paraguay: Boquerón; Argentina: Salta, Tucumán.

cockerelli (Bequaert), NEW COMBINATION
Microtrimeria cockerelli Bequaert, 1928, Psyche 35: 191, 192, female –"PERU: Payta" (Cambridge).
DISTRIBUTION: Peru: Piura.

howardi Bertoni
Trimeria howardi Bertoni, 1911, An. Mus. Nac. Buenos Aires (3) 22: 104, female, male –"Puerto Bertoni" (San Lorenzo).
DISTRIBUTION: Brazil*: Minas Gerais, São Paulo, Rio Grande do Sul; Paraguay: Alto Paraná; Argentina: Tucumán, Santa Fé, Misiones.

joergenseni Schrottky
Trimeria joergenseni Schrottky, 1909, Rev. Mus. La Plata 16: 137, female –"Argentina (Mendoza)" (destroyed).
DISTRIBUTION: Argentina: Mendoza, San Luis,* Santa Fé,* Rio Negro.

monrosi Willink
Trimeria monrosi Willink, 1959, Neotropica 5: 2, female –"Tucumán, Las Cejas" (Tucumán).
DISTRIBUTION: Bolivia: Santa Cruz; Argentina: Tucumán, Santiago del Estero,* Santa Fé.

neotropica (Mocsáry)
Jugurtia neotropica Mocsáry, 1906, Ann. Hist.-Nat. Mus. Hung. 4: 197, male –"Paraguay: Asuncion" (Budapest).
DISTRIBUTION: Brazil*: Paraná; Paraguay: Central; Argentina*: Misiones.

rhachiphora (Schletterer)
Odynerus rhachiphorus Schletterer, 1891, Entomol. Nachr. 17: 85, male –"Chile" (Vienna).
Trimeria buyssoni Brèthes, 1903, An. Mus. Nac. Buenos Aires (3) 9(2): 371, figs. 1–2, 372, fig. 3, female –"Argentina: Catamarca" (Buenos Aires); also described from Córdoba? and Paraguay.
Trimeria rachiphorus[!]; Willink and Roig Alsina, 1993, J. Hym. Res. 2: 303.
DISTRIBUTION: Paraguay: Boquerón, Itapuá; Uruguay*: Montevideo; Argentina: Jujuy, Salta, Tucumán, Catamarca, Santiago del Estero, Formosa, Santa Fé, Neuquén.

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1979. The information content of the phylogenetic system. Syst. Zool. 28: 483–519.
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1998. *Priscomasaris namibiensis* Gess, a new genus and species of Masarinae (Hymenoptera: Vespidae) from Namibia,

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1988. A contribution to the knowledge of the taxonomy and ethology of the genus *Masarina* Richards (Hymenoptera: Masaridae). Ann. Cape Prov. Mus. (Nat. Hist.) 16: 351–362.
Gess, S. K.
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Vecht, J. van der, and J. M. Carpenter
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INDEX OF MASARINAE

Genera, species, and subspecies are indexed, including emendations, misspellings, and *lapsi calami,* etc. The generic name given in parentheses following a species-group entry is the name used in the original combination. The name of the genus that now includes the species-group taxon is then listed below. If the species-group taxon is now considered a synonym, the valid name is listed following the current genus name. Similarly, for emendations, misspellings, and *lapsi,* the correct spelling follows. If the species-group taxon is considered a subspecies, this is indicated by the abbreviation "ssp." following the name of the nominate species.

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